

## Part D T869 Power Amplifier

**Caution:**

There are no user serviceable components in this power amplifier. Refer all servicing to your nearest approved Tait Dealer or Service Centre.

This part of the manual is divided into five sections, as listed below. There is a detailed table of contents at the start of each section.

Section	Title
1	General Information
2	Circuit Operation
3	Initial Adjustment
4	Fault Finding
5	PCB Information

# 1 T869 General Information

This section provides a brief description of the T869 PA, along with detailed specifications and a list of types available.

The following topics are covered in this section.

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## 1.1 Introduction

The T869 is an FM base station power amplifier designed for single or multichannel operation within the frequency range 220 to 285MHz. The output power capability is 20 to 100W.

The PA comprises a broad band drive amplifier whose output is split via a quadrature hybrid to drive two paired, push-pull final stages. The outputs from both push-pull pairs are then recombined using a quadrature hybrid combiner and filtered before being fed to the output socket. Operating two pairs of push-pull finals in quadrature offers two major advantages over single ended types:

- improved intermodulation performance in the presence of high signal levels from adjacent transmitters;
- enhanced reliability: if one of the four output transistors fails, the transmitter can still produce at least one quarter of its rated power.

Furthermore, the inherent operation of the push-pull pairs within the quadrature architecture provides a further advantage of suppressing even order harmonics.

VSWR and thermal protection is incorporated into the basic design, while monitoring and alarm signals are available for both forward and reverse power. The output power is adjustable from the front panel.

The main PCB is mounted directly on a die-cast chassis/heatsink. Extensive use is made of the latest surface mount technology. Effective RF isolation between the PA control circuitry and RF stages is achieved by internal metal shields.

Forced air cooling for the heatsink is provided by a fan, which is activated whenever the transmitter is keyed. Thermal sensors will also activate the fan automatically if the internal temperature reaches an unacceptable level.

The T869 has a width of 120mm, occupying a double module in a Tait rack shelf which will accommodate up to seven standard modules to give an attractive and convenient installation.

## Spurious Emissions:

Conducted	- Transmit	.. -36dBm to 1GHz
		-30dBm to 4GHz
	- Standby	.. -57dBm to 1GHz
		-47dBm to 4GHz
Radiated	- Transmit	.. -36dBm to 1GHz
		-30dBm to 4GHz
	- Standby	.. -57dBm to 1GHz
		-47dBm to 4GHz

## Dimensions:

Height	.. 191mm
Width	.. 120mm
Length	.. 340mm

Weight: .. 3.5kg

## 2 T869 Circuit Operation

This section provides a basic description of the circuit operation of the T869 PA.

The following topics are covered in this section.

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## 2.1 Introduction

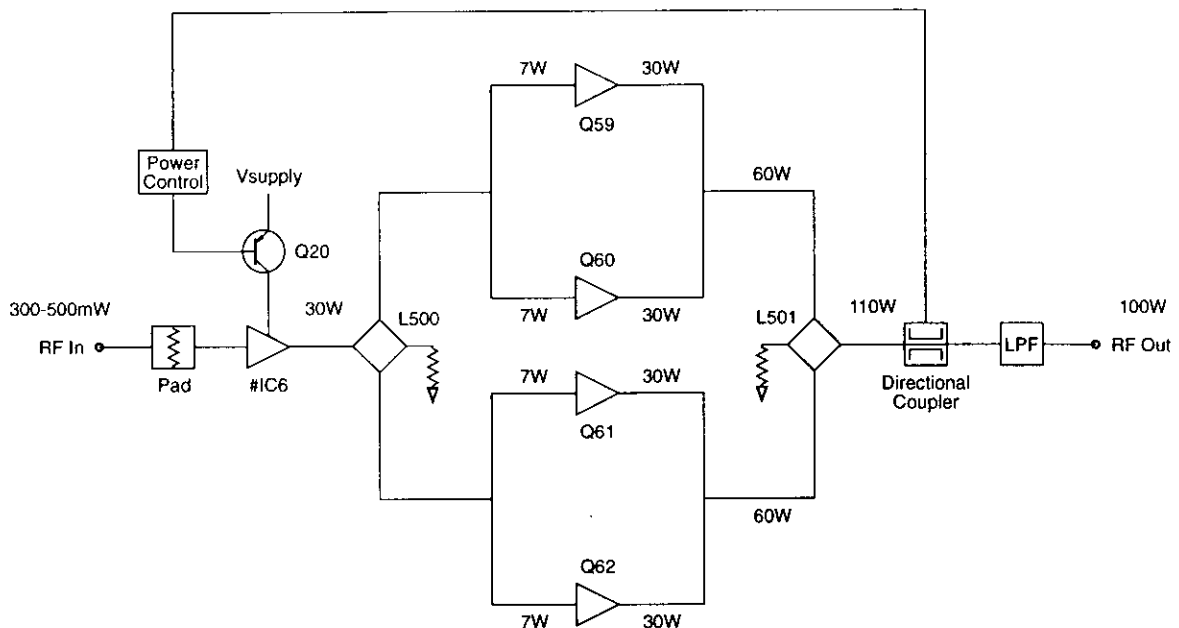


Figure 2.1 T869 High Level Block Diagram

The T869 comprises a two stage RF power amplifier with extensive control circuitry:

- the input stage consists of an RF power module which increases the drive level to approx. 20W (30W typical);
- the final stage is composed of four transistors (Q59, Q60, Q61, Q62) whose outputs are combined to provide the rated output power.

The configuration of each of the main circuit blocks may be seen on a functional level in Figure 2.1, while Figure 2.2 shows their location on the PCB.

## 2.2 RF Circuitry

(Refer to the RF section circuit diagram in Section 5.)

The driver stage of the T869 consists of an RF power module which delivers 20-30W to the final transistors. This signal is split via a 3dB quadrature hybrid (L500) and used to drive two isolated push-pull stages (Q59, Q60, Q61, Q62). The outputs from these push-pull stages are recombined by L501 and passed to the antenna socket via the directional coupler and low pass filter.

The directional coupler senses forward and reflected power, which is rectified (D100 & D101) and passed to the control circuitry for metering, alarm and power control purposes.

Power control is via a series pass transistor (Q20), which controls the supply voltage on #IC6 pin 2 (T869-10 & T869-20) or pins 2 and 3 (T869-30).

### 2.3.1 Power Control

The DC voltages from the directional coupler representing forward and reflected power are buffered by the two voltage followers, IC1 pins 1, 2 & 3 and pins 8, 9 & 10. Their outputs are summed at an integrator (IC5 pins 1, 2 & 3), which drives the series pass control elements (Q19 & Q20).

Forward and reflected power are summed so that, under high output VSWR, the power control turns the PA down. This is because the control loop adjusts for the same DC voltage from the directional coupler that would have been present if there were no reflected power.

### 2.3.2 Driver Power Level

The maximum output power of the T869 can be limited by placing a ceiling on the driver output power level using RV69 (accessible through the side cover). For example, if RV69 is set for a maximum output power of 50W, the range of adjustment using RV63 (front panel power adjust) will be 20 to 50W.

**Note:** The driver power level clamp (RV69) is factory set to give a maximum power output of 110W. The unit may be damaged if this level is increased.

### 2.3.3 Thermal Protection

At excessively high temperatures, the output power will automatically reduce to a preset level (set by RV74), thus preventing the PA from overheating.

A thermistor controlled voltage divider (R85, R193) applies a voltage to a comparator with hysteresis (IC1 pins 12, 13 & 14).

The output current from the comparator is summed into the power control network via RV74 so that the power level to which the PA must turn down may be set.

### 2.3.4 Forward And Reverse Power Alarms

If forward power drops below, or reverse power rises above, presettable limits, alarms may be triggered.

The alarm outputs are open drain configuration and are low under normal conditions (i.e. forward and reverse power levels are normal).

IC1 pins 12, 13 & 14 and pins 5, 6 & 7 form comparators with thresholds adjusted via RV48 and RV52 respectively. The inputs are from the forward and reverse power signals from the directional coupler, buffered by IC1 pins 1, 2 & 3 and pins 8, 9 & 10. Thus, the power levels at which the forward and reverse power alarms are triggered are defined by RV48 and RV52 respectively.



### 3 T869 Initial Adjustment

The following section describes the full adjustment procedure to be carried out before operating the T869.

**Note:** The T869 requires no RF tuning or alignment.

Refer to Section 5 where the parts lists, grid reference index and diagrams will provide detailed information on identifying and locating components.

The following topics are covered in this section.

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## 3.1 Test Equipment Required

- DC power supply capable of delivering 30A at 13.8V.
- Multimeter or DMM (e.g. Fluke 77).
- RF power meter (e.g. HP 435 series or Bird Wattmeter).
- 100W 30dB attenuator.
- 100W 3dB 50 ohm pad.
- 'BNC' to 'N' type adaptors (e.g. Amphenol, Greenpar).
- Appropriate trimming tools.

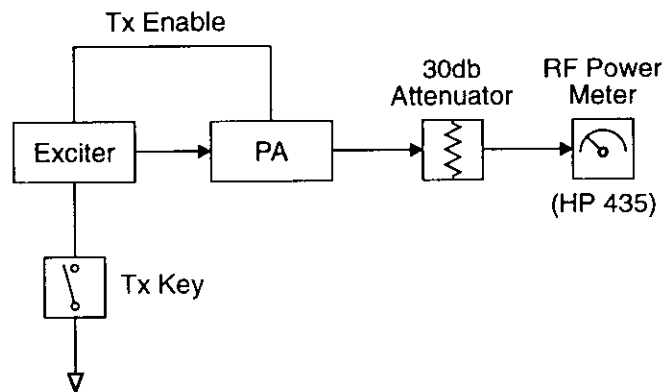


Figure 3.1 T869 Test Equipment Set-up



**Caution:** Do not connect attenuators or DC blocks between the T867 and T869 or the cyclic keying circuitry will not function correctly.

## 3.2 Preliminary Checks

Check for short circuits between the positive rail and earth.

Set up the test equipment as in Figure 3.1.

Connect the T869 to a 13.8V DC supply.

Check that the quiescent current is <50mA.

To key the transmitter, earth the key line (pin 13) on the exciter.

Check that the power supply is still at 13.8V under load.

### 3.4 Limiting The Maximum Output Power

Refer to the control section circuit diagram in Section 5.

Two chip resistors are provided on the PCB if there is a requirement to set an absolute limit to the maximum output power. These two resistors are normally bypassed by a zero Ohm resistor (LINK2).

Remove LINK2 as shown in Figure 3.2 to bring R88 & R89 into circuit.

You can now limit the maximum output power by selecting the appropriate values for R88 & R89. For example, to limit the output power to 100W, set R88 to 470Ω and R89 to 1k.

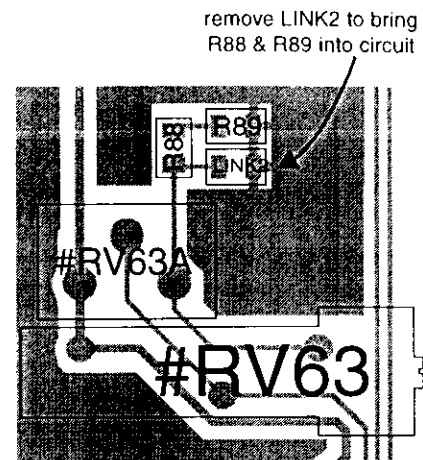


Figure 3.2 Modifications To Limit Maximum Output Power

### 3.5 High Temperature Shutdown Power Level

Set RV63 (power control) to the required output power.

Earth pin 9 of IC3 (the pad at NTC R193 is convenient).

Adjust RV74 (shutdown power level) for an output power of 40W.

Remove the earth from pin 9 of IC3 (or the pad of R193).

### 3.6 Remote Forward Power Meter Calibration

If a remote meter is connected, adjust the forward power meter calibration control (RV43) for the remote reading to agree with the RF power meter reading.

### 3.7 Remote Reverse Power Meter Calibration

If a remote meter is connected, connect a 50 ohm 3dB pad (with the output open circuit) to the PA output.

Apply RF drive and Tx key.

Adjust the reverse power meter calibration control (RV57) for a quarter of the forward power reading.

## 4 T869 Fault Finding

The following test procedures and fault finding flow charts may be used to help locate a hardware problem, however they are by no means a complete fault finding procedure. If the fault still exists after having progressed through them in a logical manner, contact your nearest authorised Tait Dealer or Service Centre. Further assistance may be obtained from the Customer Support Group, Radio Infrastructure Division, Tait Electronics Ltd, Christchurch, New Zealand.

Refer to Section 5 where the parts lists, grid reference index and diagrams will provide detailed information on identifying and locating components.

The following topics are covered in this section.

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## 4.1 Visual Checks

Remove the cover from the T869 and inspect the PCB for damaged or broken components, paying particular attention to the surface mounted devices (SMD's).

Check for defective solder joints. If repair or replacement is considered necessary, refer to Sections 3, 4, 5 and 6 of Part A.

## 4.2 Component Checks

If you suspect a transistor is faulty, you can assess its performance by measuring the forward and reverse resistance of the junctions. Unless the device is completely desoldered, first make sure that the transistor is not shunted by some circuit resistance (e.g. a base choke). Use a good quality EVM (e.g. Fluke 75) for taking the measurements (or a 20k ohm/V or better multimeter, using only the medium or low resistance ranges).



**Caution:** Before operating the PA, replace any RF base chokes removed while making measurements.

The collector current drawn by multi-junction transistors is a further guide to their performance.

If an IC is suspect, the most reliable check is to measure the DC operating voltages. Due to the catastrophic nature of most IC failures, the pin voltages will usually be markedly different from the recommended values in the presence of a fault. The recommended values can be obtained from either the circuit diagram or the component data catalogue.

## 4.3 DC Checks

Check that +13.8V is present on the collectors of Q59, Q60, Q61 and Q62. Make this measurement when the transmitter is not keyed.

Check that approximately 8-13.8V is present on pin 2 of #IC6 (the level is dependent on RV69 being set to maximum).

Check that +13.8V is present at pin 4 of IC1.

Check that approximately +12V is present at pin 8 of IC5 (the level is dependent on RV69 being set to maximum).

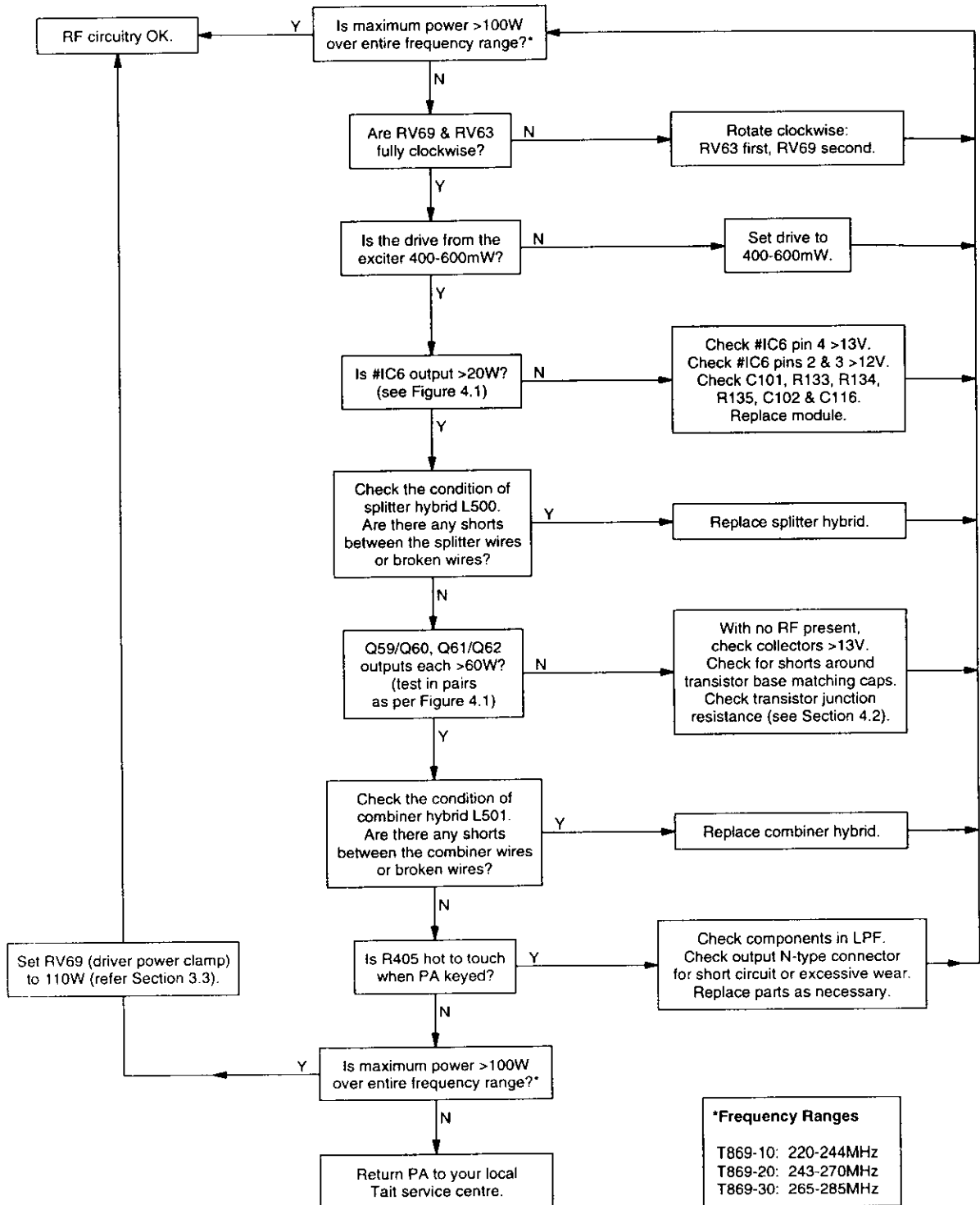
Check that +7.0V is present at the output of regulator IC2.

replace A4 pages D4.5/D4.6 with A3 pages D4.5/D4.6

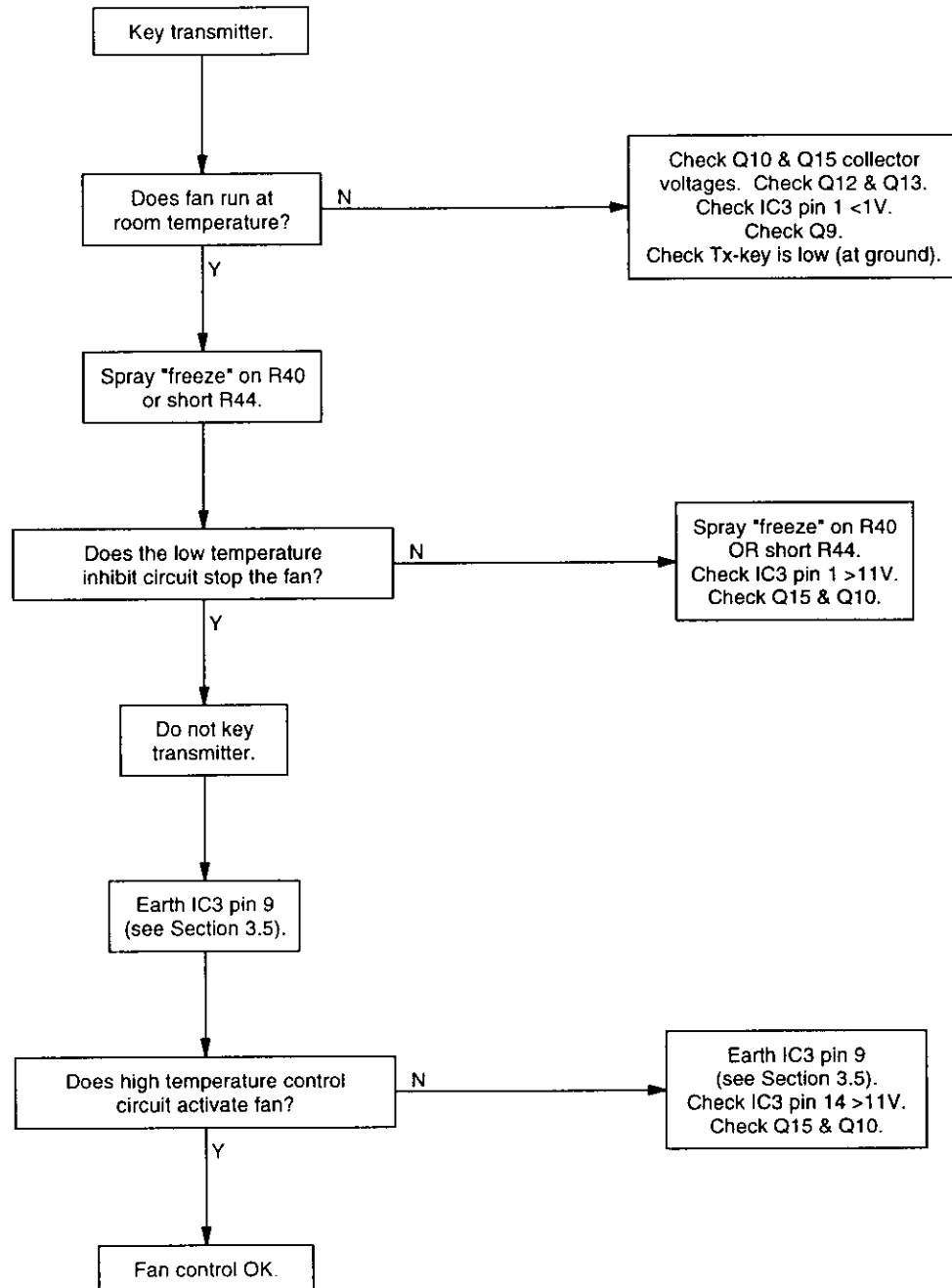
*Figure 4.1*

## 4.5 Fault Finding Charts

### 4.5.1 PA

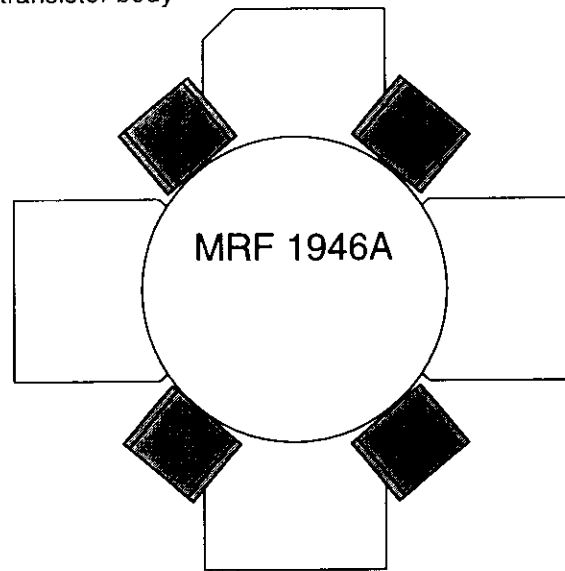


### 4.5.3 Fan Control Circuitry





all capacitors positioned hard up  
against transistor body



*Figure 4.2 Typical Transistor/Capacitor Spacing*

## 4.7 To Remove The T869 PA PCB From The Heatsink

**Note:** This is a lengthy procedure and should be considered only after all other checks have been carried out. There are no components on the bottom of the PCB.

Remove the harmonic filter shield.

Desolder the power feed to the fan from the PCB.

Remove the output 50 ohm coaxial connector by unscrewing it from the heatsink casting and desoldering it from the PCB.

Unplug the input 50 ohm coaxial cable from the PCB, unscrew the BNC connector from the heatsink, and remove the connector and cable.

Desolder the battery positive and negative feed wires from the D-range PCB.

Disconnect the ribbon cable from the D-range PCB.

Remove the 2 screws securing the D-range connector and PCB to the heatsink and withdraw the assembly from the heatsink.

Remove the mounting screws for the TO-220 devices: R405, R406 and Q20.

Remove the 2 screws securing the power module (#IC6).

Unscrew the cooling fan from the rear of the heatsink.

REGISTRATION JUL 27 1998

LIST OF ATTACHED DOCUMENTATION  
FCC ID: CASTEL0016

EXCITER: MODEL 867-16-0000 s/n 996718

1. SET OF PHOTOS
2. GENERAL SPECIFICATION SHEET and INFORMATION PART C
3. CIRCUIT OPERATION PART C.2
4. INITIAL TUNING & ADJUSTMENT PART C.3
5. FUNCTIONAL TESTING PART C.4
6. PCB LISTING AS PER LIST
7. BLOCK DIAGRAM 1
8. SCHEMATIC DRAWINGS:
  - AUDIO PROCESSOR
  - EXCITER
  - VCO SUB ASSY
  - REGULATOR
  - SYNTHESIZER
  - MICROPROCESSOR
  - HARMONIC FILTER
  - OUT OF CIRCUIT DATA

PLEASE SEE SEPARATE LIST FOR POWER AMPLIFIER

## CASTEL0016 and CASTEL0017 Information

**NOTE:** Detailed information on the T867-16-000 (part of the CASTEL0016 Transmitter) and the T865-16-0000 Receiver (CASTEL0017) have not yet been included in the Interim Manual. Changes that have occurred to the standard to provide the variants under test are minimal and only involve minor component changes.

### CASTEL0016

Applicant/Manufacturer

Tait Electronics Limited  
P.O. Box 1645  
558 Wairakei Road  
Burnside  
Christchurch  
NEW ZEALAND

Vendor

Tait Electronics (USA) Inc.  
9434 Old Katy Road  
Suite 110  
Houston  
Texas 77055  
UNITED STATES of AMERICA

Model Number

Exciter T867-16-0000/T869-10-0000  
Complete unit - Exciter is NOT standalone.

Technical Description

Type of Emission

F3E

Frequency Range

Transmitter: 217-220 Mhz  
Receiver: N/A

Power Output

20-100 Watts

Maximum Power

100 Watts

DC Supply Voltage

13.8 V

DC Supply Current

20A Transmit, 50 mA Standby

Circuit Description & theory of operation

Refer to the T860 Interim Service manual

Description of Circuits determining Frequency

Standard TCXO rated at  $\pm 2.5$ ppm,  $-30^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$ . Refer to T860 Interim Service manual

Spurious and Harmonic Emission Suppression

T860 Interim Service manual. Components are : C304, C307, C309, C310, L304, L307, L310

Active Circuit Devices

T860 Interim Service manual Parts List.

### **Tait Radio Systems Division**

535 Wairakei Road  
Christchurch  
Phone: 64 3 359 0200

## Part C T867 Exciter

This part of the manual is divided into six sections, as listed below. There is a detailed table of contents at the start of each section.

<b>Section</b>	<b>Title</b>
<b>1</b>	<b>General Information</b>
<b>2</b>	<b>Circuit Operation</b>
<b>3</b>	<b>Initial Tuning &amp; Adjustment</b>
<b>4</b>	<b>Functional Testing</b>
<b>5</b>	<b>Fault Finding</b>
<b>6</b>	<b>PCB Information</b>

# 1 T867 General Information

This section provides a brief description of the T867 exciter, along with detailed specifications and a list of types available.

The following topics are covered in this section.

<b>Section</b>	<b>Title</b>	<b>Page</b>
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## 1.1 Introduction

The T867 is a synthesised, microprocessor controlled FM base station exciter designed for single or multichannel operation in the 220 to 270MHz frequency range. With a standard power output of only 600mW, the exciter is designed for use with the T869 100W power amplifiers. The RF section of the exciter comprises a frequency synthesiser which provides 150mW of frequency modulated RF drive to a two stage, wide band output amplifier.

A wide selection of audio characteristics may be obtained from the audio processor. Optional circuit blocks are an audio compressor and a pre-emphasis stage. They can be bypassed or linked to one or both audio inputs, and then back into the remaining audio circuitry in almost any combination. All audio processor options are link selectable.

The synthesiser frequency is programmed via the serial communications port. Eight channel select lines are accessible via an optional D-range connector (D-range 2 - T800-03-0000) at the rear of the set.

All components except those of the VCO are mounted on a single PCB. This is secured to a die-cast chassis which is divided into compartments to individually shield each section of circuitry. Access to both sides of the main circuit board is obtained by removing each of the chassis lids. There is provision within the chassis to mount small option PCBs.

The front panel controls include line sensitivity, microphone socket and carrier switch. This switch turns on the carrier (unmodulated) as an aid to servicing.

The T867 is 60mm wide and occupies a single space in a Tait rack frame, which has the ability to accommodate up to seven standard modules.

## Dimensions:

Height	.. 183mm
Width	.. 60mm
Length	.. 320mm
Weight	.. 2.1kg
Time-Out Timer (optional)	.. 0 to 5 minutes adjustable in 10 second steps
Tail Timer	.. 0 to 5 seconds adjustable in 100ms steps
Transmit Key Time	.. <30ms
Transmit Lockout Timer	.. 0 to 1 minute adjustable in 10 second steps

**1.2.3 RF Section**

Frequency Range	.. 220-285MHz (refer to Section 1.4)
Modulation Type	.. FM
Frequency Increment	.. 5 or 6.25kHz
Switching Range	.. 8MHz
Load Impedance	.. 50 ohms
Frequency Stability (see also Section 1.4 and Section 1.5)	.. $\pm 2.5$ ppm, -30°C to +60°C
Adjacent Channel Power (full deviation):	
Wide Bandwidth (WB) ( $\pm 25$ kHz/15kHz B/W)	.. -75dBc
Mid Bandwidth (MB) ( $\pm 20$ kHz/12kHz B/W)	.. -70dBc
Narrow Bandwidth (NB) ( $\pm 12.5$ kHz/7.5kHz B/W)	.. -65dBc
Transmitter Side Band Noise: (no modulation, 15kHz bandwidth)	
At $\pm 25$ kHz	.. -90dBc
At $\pm 1$ MHz	.. -100dBc

## Hum And Noise:

Wide Bandwidth	.. -55dB (300Hz to 3kHz [EIA]) typical
Mid Bandwidth	.. -53dB (CEPT)
Narrow Bandwidth	.. -50dB (CEPT)

## Compressor (optional):

Attack Time	.. 10ms
Decay Time	.. 800ms
Range	.. 50dB

**1.2.4.3 CTCSS**

Standard Tones	.. all 37 EIA group A, B and C tones plus 13 commonly used tones
Frequency Error (from EIA tones)	.. 0.08% max.
Generated Tone Distortion	.. 1.2% max.
Generated Tone Flatness	.. flat across 67 to 250.3Hz to within 1dB
Modulation Level	.. adjustable
Modulated Distortion	.. <5%

**1.2.5 Microcontroller**

## Auxiliary Ports:

Open Drain Type	.. capable of sinking 2.25mA via 2k2Ω
V <sub>ds</sub> max.	.. 5V

**1.2.6 Test Standards**

Where applicable, this equipment is tested in accordance with the following standards.

**1.2.6.1 European Telecommunication Standard****ETS 300 086 January 1991**

Radio equipment and systems; land mobile service; technical characteristics and test conditions for radio equipment with an internal or external RF connector intended primarily for analogue speech.



## 1.3 Product Codes

The three groups of digits in the T860 Series II product code provide information about the model, type and options fitted, according to the conventions described below.

The following explanation of T860 Series II product codes is not intended to suggest that any combination of features is necessarily available in any one product. Consult your nearest Tait Dealer or Subsidiary for more information regarding the availability of specific models, types and options.

### Model

The Model group indicates the basic function of the product, as follows:

<u>T86X</u> -XX-XXXX	T865 receiver
	T867 exciter
	T869 100W power amplifier

### Type

The Type group uses two digits to indicate the basic RF configuration of the product.

The first digit in the Type group designates the frequency range:

T86X- <u>X</u> -XXXX	'1' for 220-244MHz
	'2' for 243-270MHz
	'3' for 265-285MHz

The second digit in the Type group indicates the channel spacing:

T86X-XX- <u>X</u> -XXXX	'0' for wide bandwidth (25kHz)
	'3' for mid bandwidth (20kHz)
	'5' for narrow bandwidth (12.5kHz)

### Options

T86X-XX- <u>XXXX</u>	The Options group uses four digits and/or letters to indicate any options that may be fitted to the product. This includes standard options and special options for specific customers. '0000' indicates a standard Tait product with no options fitted. The large number of options precludes listing them here.
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## 2 T867 Circuit Operation

This section provides a basic description of the circuit operation of the T867 exciter.

**Note:** Unless otherwise specified, the term "PGM800Win" used in this and following sections refers to version 2.00 and later of the software.

Refer to Section 6 where the parts lists, grid reference index and diagrams will provide detailed information on identifying and locating components and test points on the main PCB. The parts list and diagrams for the VCO PCB are in Part E.

The following topics are covered in this section.

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## 2.1 Introduction

The individual circuit blocks which make up the T867 are:

- synthesiser
- VCO
- audio processor
- drive amplifier
- voltage regulators.

Each of these circuit blocks is set in its own shielded compartment, formed as an integral part of the main chassis.

The configuration of the circuit blocks may be seen on a functional level in Figure 2.1 . Refer to the circuit diagrams in Section 6.3 for more detail.

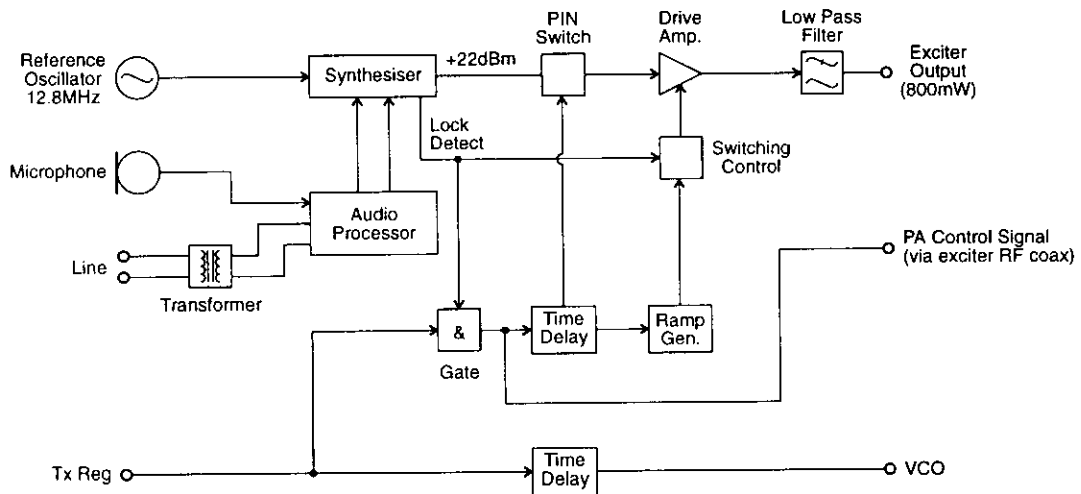


Figure 2.1 T867 High Level Block Diagram

## 2.3 Synthesised Local Oscillator

(Refer to the synthesiser circuit diagram (sheet 7) in Section 6.2 or 6.3 and the VCO circuit diagram in Part E.)

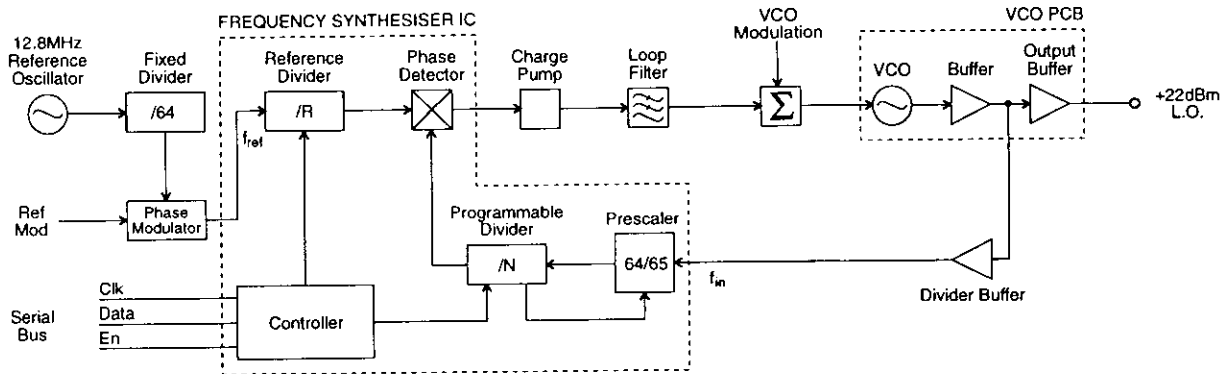


Figure 2.3 T867 Synthesiser Block Diagram

The synthesiser (IC740) employs a phase-locked loop (PLL) to lock a voltage controlled oscillator (VCO) to a given reference frequency. The synthesiser receives the divider information from the control microprocessor via a 3 wire serial bus (clock, data, enable). When the data has been latched in, the synthesiser processes the incoming signals from the VCO buffer ( $f_{in}$ ) and the phase modulator ( $f_{ref}$ ).

A reference oscillator at 12.8MHz (IC700) is buffered (IC710 pins 3 & 4) and divided down to 200kHz (IC730). This 200kHz square wave is then summed with the modulating audio and passed to an integrator (IC720 pins 9 & 8, Q710, Q720). This produces a ramping waveform which is centred around a DC level determined by the incoming audio. IC720 pins 5 & 6 perform as a comparator, ultimately producing a phase-modulated 200kHz square wave. This is followed by another phase shifting stage (IC720 pins 3 & 4, Q730, Q740), before being divided down to 6.25kHz or 5kHz within the synthesiser IC (IC740).

A buffered output of the VCO (Q795) is divided with a prescaler and programmable divider which is incorporated into the synthesiser chip (IC740). This signal is compared with the phase modulated reference signal at the phase detector (also part of the synthesiser chip). The phase detector outputs drive a balanced charge pump circuit (Q760, Q770, Q775, Q780, Q785) and active loop filter (IC750 pins 5, 6 & 7) which produces a DC voltage between 0V and 20V to tune the VCO. This VCO control line is further filtered to attenuate noise and other spurious signals. Note that the VCO frequency increases with increasing control voltage.

If the synthesiser loop loses lock, a pulsed signal appears at LD (pin 2) of IC740. This signal is filtered and buffered by IC750 pins 1, 2 & 3, producing the Lock-Detect signal used to shut off the power supply to the drive amplifier. IC750 pin 1 is at 20V when the synthesiser is out of lock.

## 2.4 VCO

(Refer to the VCO circuit diagram in Part E.)

The VCO transistor (Q1) operates in a common source configuration, with an LC tank circuit coupled between its gate and drain to provide the feedback necessary for oscillation. The VCO control voltage from the loop filter (IC750 pin 7) is applied to the vari-caps (D1-D2) to facilitate tuning within an 8MHz band of frequencies. A trimcap (CT) is used for coarse tuning of the VCO. The output from the oscillator circuit drives a cas-code amplifier stage (Q2, Q3) which supplies +10dBm (typically) to a further stage of amplification, Q5. This is the final amplifier on the VCO PCB, and delivers >+19dBm (typically) to the exciter drive amplifier.

A low level "sniff" is taken from the input of Q5 and used to drive the divider buffer (Q795) for the synthesiser (IC740).

The VCO operates at the actual output frequency of the exciter, i.e. there are no multiplier stages. The VCO is modulated by superimposing the audio signal onto the control voltage and by phase modulating the reference signal.

### 2.4.1 VCO Supply

The VCO is supplied from two switched +9V supplies under the control of the Tx-Reg. supply.

The VCO (Q1) and buffer amplifier (Q2 & Q3) are supplied from one +9V switched supply by Q540 via the capacitor multiplier (Q550, C550).

The output amplifier is supplied from the other +9V supply by Q520, Q530, and Q510.

A delay circuit holds the VCO on for a short time after the Tx-Reg. supply has been switched off. This is to allow the RF power circuits (both exciter and PA) to ramp down in the correct manner before the VCO is switched off.

### 2.5.3 Keying Inputs

There are four ways to key the exciter:

- pulling the Tx-Key line low (pin 13 on D-range 1 [PL100]) at the rear of the set);
- pushing the "Carrier" button on the front panel - this will inhibit all audio;
- using the PTT button on the local microphone, disabling audio from the line;
- via the opto-key inputs (pins 11 and 12 on D-range 1 [PL100]) when electrical isolation is required. This features a constant current sink (Q270) to ensure reliable activation of the opto-coupler (IC250) at low keying voltages.

### 2.5.4 Compressor (Automatic Level Control (ALC))

The input signal is fed via a current controlled attenuator (Q230, Q220) to a high gain stage (IC230) from which the output signal is taken. This signal is passed to a comparator (IC230) which toggles whenever the audio signal exceeds a DC threshold determined by RV220. Thus, the comparator produces a square wave whose mark-space ratio is determined by the amplitude of the audio signal. This square wave pumps up the reservoir capacitor (C233) which controls the attenuator (Q230, Q220), thus completing the feedback loop.

The compression level is set by adjustment of the comparator threshold (RV220).

**Note:** Although the high dynamic range of the compressor allows the use of very low audio signal levels, such conditions will be accompanied by a degradation of the signal-to-noise ratio. Very low audio input levels should therefore be avoided where possible.

### 2.5.5 Outputs To Modulators

The output signal from the limiter (IC210, IC230) is added with a CTCSS tone at a summing amplifier (IC260). The signal is then low pass filtered (IC260) and split to supply the two modulators.

Since the VCO modulator is a true frequency modulator, its audio is simply buffered (IC260). The reference modulator, however, is a phase modulator and its audio must first be integrated (IC210).

It is vital that the audio levels to the modulators are accurately set, *relative to each other*. Hence the inclusion of level adjustment in the reference modulator path. Once set, adjustments to absolute deviation may be made only via the deviation digital pot. (IC220 - adjustable via PGM800Win).

## 2.7 Transmit Timers

The transmit tail timer, transmit timeout timer and transmit lockout timer can all be set from PGM800Win. The fields for setting these are found on the system information page. These three timers operate as follows (refer also to Figure 2.8):

Timer	Function	Adjustment
Transmit Tail	Sets the tail time during which the transmitter stays keyed after the external key source has been removed.	0-5 seconds in 100ms steps
Transmit Timeout	Sets the maximum continuous transmission time. Once the timer has timed out, the transmitter must be keyed again, unless prevented by the transmit lockout timer.	0-300 seconds in 10 second steps
Transmit Lockout	Sets the period of time that must elapse after a timeout before the transmitter can re-transmit. Once the timer has timed out, the transmitter can be keyed again.	0-60 seconds in 10 second steps

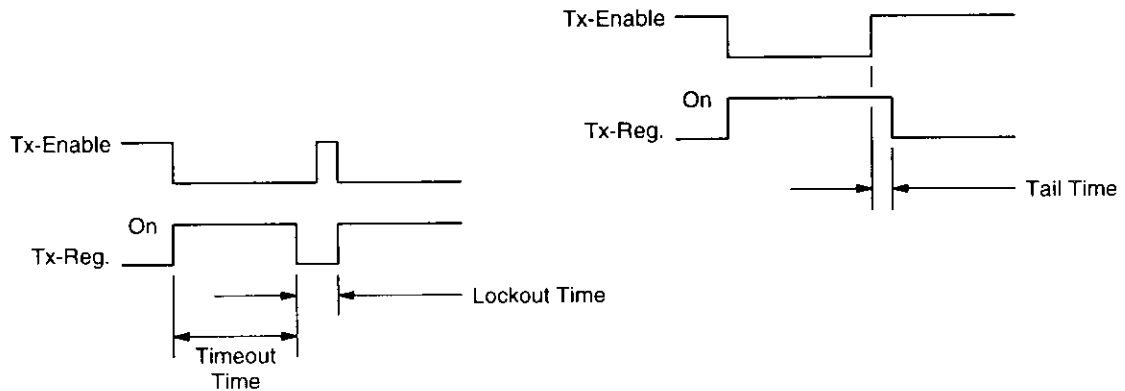


Figure 2.7 T867 Transmit Timers

## 3 T867 Initial Tuning & Adjustment

The following section describes both short and full tuning and adjustment procedures and provides information on:

- channel programming
- selecting required audio links
- synthesiser alignment
- modulator adjustment
- limiter adjustment
- setting line level
- compressor adjustment
- timer adjustment.

**Note:** Unless otherwise specified, the term "PGM800Win" used in this and following sections refers to version 2.00 and later of the software.

Refer to Section 6 where the parts lists, grid reference index and diagrams will provide detailed information on identifying and locating components and test points on the main PCB. The parts list and diagrams for the VCO PCB are in Part E.

Section	Title	Page
3.1	Introduction	3.3
3.2	Channel Programming	3.3
3.3	Test Equipment Required	3.4
3.4	Short Tuning Procedure	3.5
3.4.1	Introduction	3.5
3.4.2	Synthesiser Alignment	3.5
3.4.3	Two Point Modulation Adjustment	3.6
3.4.4	FM Deviation (Limiter) Adjustment	3.6
3.4.5	Line-in Level Adjustment	3.7
3.5	Audio Processor Links	3.8
3.5.1	Link Details	3.8
3.5.2	Typical Options	3.8
3.6	Synthesiser Alignment	3.9



## 3.1 Introduction

When you receive your T867 exciter it will be run up and working on a particular frequency (the "default channel")<sup>1</sup>. If you want to switch to a frequency that is within the 8MHz switching range (i.e.  $\pm 4$ MHz from the factory programmed frequency), you should only need to reprogram the exciter with the PGM800Win software (refer to the PGM800Win programming kit and Section 3.2 below).

However, if you want to switch to a frequency outside the 8MHz switching range, you will have to reprogram and re-tune the exciter to ensure correct operation. In this case you should carry out the short tuning procedure described in Section 3.4.

If you have carried out repairs or other major adjustments, you must carry out the full tuning and adjustment procedure described in this section (except for Section 3.4).

## 3.2 Channel Programming

You can program up to 128 channel frequencies into the exciter's EEPROM memory (IC820) by using the PGM800Win software package and an IBM™ PC. You can also use PGM800Win to select the exciter's current operating frequency (or "default channel").

If the exciter is installed in a rack frame, you can program it via the programming port in the speaker panel. However, you can also program the exciter before it is installed in a rack frame as follows:

- by using a T800-01-0010 calibration test unit;
- via D-range 1;
- via D-range 2 (standard T800-03-0000 auxiliary D-range only);
- via SK805 (internal Micromatch connector).

If you do not use the T800-01-0010, you will have to connect the PC to the exciter via a module programming interface (such as the T800-01-0004).

For a full description of the channel programming procedure, refer to the PGM800Win programming software user's manual.

**Note:** When an auxiliary D-range kit (D-range 2 - T800-03-0000) is fitted, you can also select a channel with an external switch, such as the DIP switch on the rack frame backplane PCB. Refer to Part C in the T800 Series Ancillary Equipment Service Manual (M800-00-101 or later issue) or consult your nearest Tait Dealer or Subsidiary for further details.

---

1. Use the "Read Module" function in PGM800Win to find out what the default channel is.

## 3.4 Short Tuning Procedure

Use this procedure only if you want to reprogram the T867 to a frequency outside the 8MHz switching range and do not intend to carry out any other major adjustments or repairs.

### 3.4.1 Introduction

Reprogram the operating frequency as described in the PGM800Win programming kit (refer to Section 3.2).

Remove the top cover (nearest the handle).

Set up the test equipment as described in Section 3.3.

Set the links in the audio processor section as required (refer to Section 3.5).

### 3.4.2 Synthesiser Alignment

- Connect a high impedance voltmeter to PL4-1 or the junction of L1 & R1 in the VCO (this measures the synthesiser loop voltage).
- Key the transmitter by earthing the Tx Key line.

- **Single Channel**      Tune VCO trimmer CT for a synthesiser loop voltage of 8V.
- **Multichannel**      Tune VCO trimmer CT for a synthesiser loop voltage of 8V on the middle channel.

If there is no middle channel, tune CT so that the channels are symmetrically placed around a loop voltage of 9V.

All channels should lie within the upper and lower limits of 14V and 3V respectively.

Do not attempt to program channels with a greater frequency separation than the specified switching range of 8MHz.

Adjust RV210 (line sensitivity) fully clockwise and key the transmitter by earthing the Tx Key line. Adjust "deviation" via PGM800Win to set the peak deviation to  $\pm 4.7\text{kHz}$  ( $\pm 3.8\text{kHz}$ ) [ $\pm 2.3\text{kHz}$ ] (you can use either the mouse or up and down arrow keys).

Sweep the audio frequency from 100Hz to 4kHz and ensure that the maximum deviation does not exceed 4.7kHz ( $\pm 3.8\text{kHz}$ ) [ $\pm 2.3\text{kHz}$ ]. Readjust "deviation" if necessary via PGM800Win.

### 3.4.5 Line-in Level Adjustment

Set the injected signal at the line input to the required line level (typically -10 to -20dBm).

Adjust RV210 (line sensitivity) to provide  $\pm 3\text{kHz}$  ( $\pm 2.4\text{kHz}$ ) [ $\pm 1.5\text{kHz}$ ] deviation.

## 3.6 Synthesiser Alignment

- Ensure that the T867 has been programmed with the required frequencies using PGM800Win software.
- **Single Channel**      Select a channel using PGM800Win.  
**Multichannel**      Select the middle channel via PGM800Win.
- Connect a high impedance voltmeter to PL4-1 or the junction of C35 and R30 in the VCO (this measures the synthesiser loop voltage).
- Key the transmitter by earthing the Tx-Key line.  
**Single Channel**      Tune VCO trimmer CT for a synthesiser loop voltage of 8V.  
**Multichannel**      Tune VCO trimmer CT for a synthesiser loop voltage of 8V on the middle channel.  
  
If there is no middle channel, tune CT so that the channels are symmetrically placed around a loop voltage of 9V.  
  
All channels should lie within the upper and lower limits of 14V and 3V respectively.  
  
Do not attempt to program channels with a greater frequency separation than the specified switching range (8MHz).
- Check that the exciter output power is:  
600mW  $\pm$ 150mW.
- Measure the exciter output frequency and adjust the TCXO (IC700) trimmer if required.

**Caution:**

This trimmer is susceptible to physical damage. Do not exert a downward force of more than 500g (1lb) when adjusting.

### 3.7.3 Limiter Adjustment

**Note:** If the T867 will be used over the whole 8MHz switching range, you must set the deviation for each channel. However, if the module will be used on frequencies that cover only a 1MHz (or less) switching range, you can set the deviation on the middle channel and use this value for all other channels with the "fill" option in PGM800Win.

Set the links in the audio processor section as required (refer to Section 3.5).

?

Inject 1kHz at -10dBm into the line input (D-range 1 (PL100) pins 1 & 4; and pins 2 & 3 shorted; refer to [Section 2.2](#) of Part F).

Adjust RV210 (line sensitivity) fully clockwise and key the transmitter by earthing the Tx-Key line. Adjust "deviation" via PGM800Win to set the peak deviation to  $\pm 4.7\text{kHz}$  ( $\pm 3.8\text{kHz}$ ) [ $\pm 2.3\text{kHz}$ ] (you can use either the mouse or up and down arrow keys).

Sweep the audio frequency from 100Hz to 4kHz and ensure that the maximum deviation does not exceed 4.7kHz ( $\pm 3.8\text{kHz}$ ) [ $2.3\text{kHz}$ ]. Readjust "deviation" if necessary via PGM800Win.

### 3.7.4 Line Level Without Compressor

This section assumes that the compressor is not used. If the compressor is required, refer to Section 3.9.5.

Adjust the line sensitivity as follows:

- set the injected signal at the line input to the required line level (typically -10 to -20dBm);
- adjust RV210 (line sensitivity) to provide  $\pm 3\text{kHz}$  ( $\pm 2.4\text{kHz}$ ) [ $\pm 1.5\text{kHz}$ ] deviation.

### 3.7.5 Compressor

The compressor may be used on the line input only, the microphone input only, or on both the line and microphone inputs. If the compressor is used, refer to one of the following sections as appropriate.

#### 3.7.5.1 Compressor On Line Input Only

Set RV210 (line sensitivity) fully clockwise and key the transmitter by earthing the Tx-Key line.

Reduce the line level to -50dBm at 1kHz and set RV220 (compression level) fully clockwise.

## 4 T867 Functional Testing

The following test procedures will confirm that the T867 has been tuned and adjusted correctly and is fully operational.

**Note 1:** In this and following sections deviation settings are given first for wide bandwidth sets, followed by settings in brackets for mid bandwidth sets ( ) and narrow bandwidth sets [ ].

**Note 2:** Unless otherwise specified, the term "PGM800Win" used in this and following sections refers to version 2.00 and later of the software.

Refer to Section 3.3 for the test equipment set-up. Refer also to Section 6 where the parts lists, grid reference index and diagrams will provide detailed information on identifying and locating components and test points on the main PCB. The parts list and diagrams for the VCO PCB are in Part E.

The following topics are covered in this section.

Section	Title	Page
4.1	Current Consumption	4.3
4.2	Output Power	4.3
4.3	Output Frequency	4.3
4.4	Timers	4.3
4.5	Frequency Response	4.4
4.6	Audio Level Input Sensitivity	4.7
4.7	CTCSS Encoder	4.7

Figure	Title	Page
4.1	T867 Transmit Timers	4.4
4.2	T867 Pre-emphasis Response	4.5
4.3	T867 Limiting Response	4.6

## 4.1 Current Consumption

Connect the T867 to a 13.8V power supply.

Connect an RF power meter to the T867 output socket.

Check that the current in the 13.8V power cable is less than 150mA.

Key the T867 by earthing the Tx-Key line (the carrier "On" LED should light).

Check that the current is <600mA.

## 4.2 Output Power

Connect an RF power meter to the T867 output socket.

Key the T867 by earthing the Tx-Key line.

Check that the output power is 600mW  $\pm$ 150mW.

## 4.3 Output Frequency

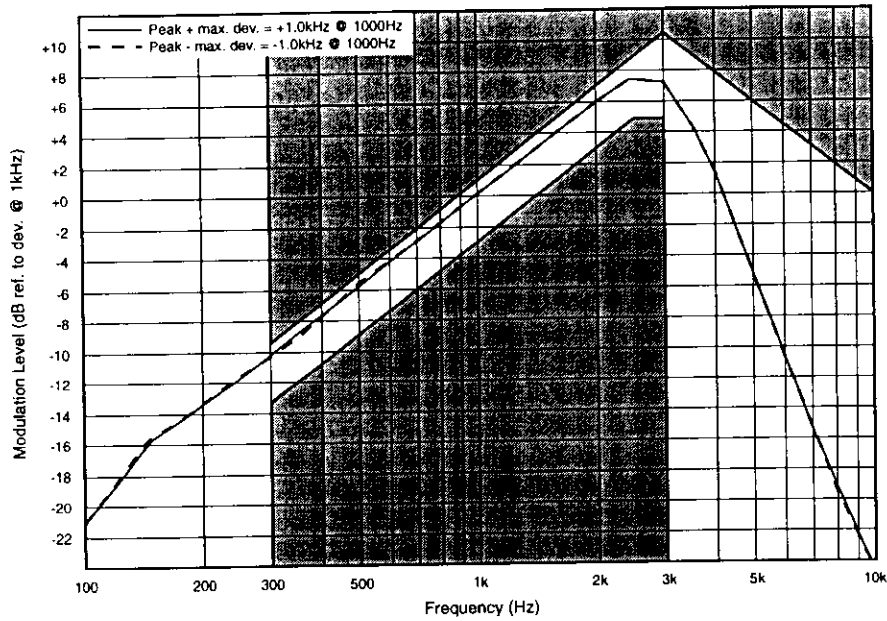
Connect the T867 output to a frequency counter via a 20dB attenuator pad.

Measure the output frequency and, if necessary, adjust the TCXO (IC700) to trim to the nominal frequency ( $\pm$ 100Hz).

## 4.4 Timers

The transmit tail timer, transmit timeout timer and transmit lockout timer can all be set from PGM800Win. The fields for setting these are found on the system information page. These three timers operate as follows (refer also to Figure 4.1):

**Wide Bandwidth**



**Mid Bandwidth**

The mid bandwidth graph is the same shape as the wide bandwidth graph. The deviation figures are as follows:

- peak + max. deviation = +0.8kHz
- peak - max. deviation = -0.8kHz.

**Narrow Bandwidth**

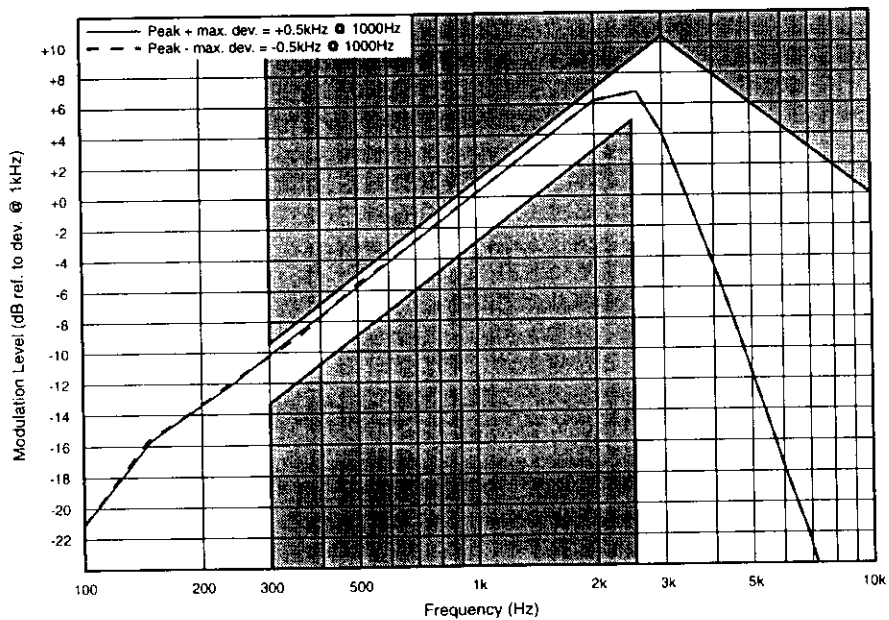


Figure 4.2 T867 Pre-emphasis Response



## 4.6 Audio Level Input Sensitivity

- Adjust RV210 (line sensitivity) fully clockwise.
- Check that the input sensitivities are better than those specified below:

Line Input	600 ohms, $\pm 3\text{kHz}$ ( $\pm 2.4\text{kHz}$ ) [ $\pm 1.5\text{kHz}$ ] deviation at 1kHz: with compressor -50dBm without compressor -30dBm
Microphone Input	600 ohms, $\pm 3\text{kHz}$ ( $\pm 2.4\text{kHz}$ ) [ $\pm 1.5\text{kHz}$ ] deviation at 1kHz: with compressor -75dBm without compressor -55dBm
CTCSS Input	1kHz deviation at 150Hz 500mV rms

**Note:** A degraded signal to noise ratio can be expected with the compressor selected. The extent of the degradation is dependent on the audio input level.

## 4.7 CTCSS Encoder

Program a CTCSS tone on the set channel using PGM800Win.

Key T867 with the front panel "Carrier" switch.

Adjust RV805 (CTCSS level adjust) to give 10% system deviation.

Reset the maximum deviation as per Section 3.9.3.

## 5 T867 Fault Finding

The following test procedures and fault finding flow charts may be used to help locate a hardware problem, however they are by no means a complete fault finding procedure. If you still cannot trace the fault after progressing through them in a logical manner, contact your nearest Tait Dealer or Subsidiary. If necessary, you can get additional technical help from the Customer Support Group, Radio Systems Division, Tait Electronics Ltd, Christchurch, New Zealand (full contact details are on page 2).

**Note 1:** In this and following sections deviation settings are given first for wide bandwidth sets, followed by settings in brackets for mid bandwidth sets ( ) and narrow bandwidth sets [ ].

**Note 2:** Unless otherwise specified, the term "PGM800Win" used in this and following sections refers to version 2.00 and later of the software.

Refer to Section 6 where the parts lists, grid reference index and diagrams will provide detailed information on identifying and locating components and test points on the main PCB. The parts list and diagrams for the VCO PCB are in Part E.

The following topics are covered in this section

Section	Title	Page
5.1	Visual Checks	5.3
5.2	Component Checks	5.3
5.3	Front Panel LED Indicator	5.3
5.4	DC Checks	5.4
5.4.1	Power Rails	5.4
5.4.2	VCO Locking	5.4
5.5	RF Checks	5.5
5.5.1	T867 Output Power	5.5
5.5.2	Audio And Modulation	5.5
5.6	PGM800Win Generated Errors	5.6
5.7	Fault Finding Charts	5.7
5.7.1	Microcontroller	5.7
5.7.1.1	Basic Checks	5.7
5.7.1.2	Serial Communication	5.8
5.7.1.3	CTCSS Encode	5.9
5.7.2	Regulator	5.10
5.7.3	Synthesiser	5.11
5.7.4	T867 Exciter Drive Amplifier	5.14
5.7.5	Audio Processor	5.15

## 5.1 Visual Checks

Remove the covers from the T867 and inspect the PCB for damaged or broken components, paying particular attention to the surface mounted devices (SMD's).

Check for defective solder joints. If repair or replacement is considered necessary, refer to Section 3 of Part A.

## 5.2 Component Checks

If you suspect a transistor is faulty, you can assess its performance by measuring the forward and reverse resistance of the junctions. Unless the device is completely desoldered, first make sure that the transistor is not shunted by some circuit resistance. Use a good quality EVM (e.g. Fluke 75) for taking the measurements (or a 20k ohm/V or better multimeter, using only the medium or low resistance ranges).

The collector current drawn by multi-junction transistors is a further guide to their performance.

If an IC is suspect, the most reliable check is to measure the DC operating voltages. Due to the catastrophic nature of most IC failures, the pin voltages will usually be markedly different from the recommended values in the presence of a fault. The recommended values can be obtained from either the circuit diagram or the component data catalogue.

## 5.3 Front Panel LED Indicator

The green "Supply" LED on the T867 front panel will flash according to the conditions described in the following table:

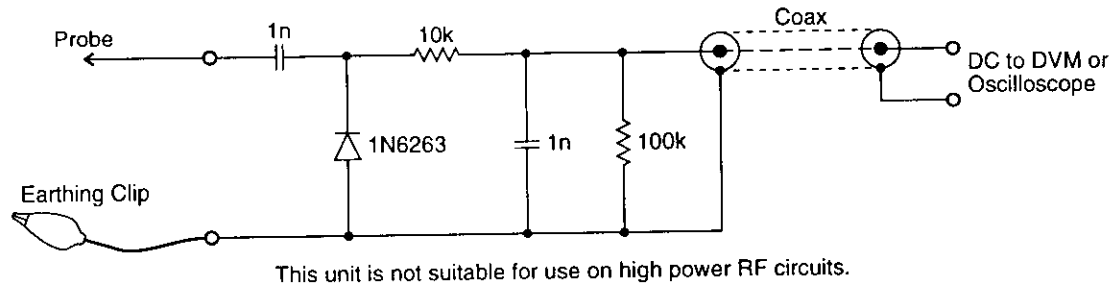
Flash Rate	Condition
<p style="text-align: center;">fast</p> <p style="text-align: center;">- - - - -</p> <p style="text-align: center;">(α sec. on/α sec. off approx.)</p>	T867 is linked with PGM800Win
<p style="text-align: center;">unequal</p> <p style="text-align: center;">- - - - -</p> <p style="text-align: center;">(α sec. on/1 sec. off approx.)</p>	microcontroller has detected an internal communications error - refer to Section 5.7.1

Where two or more conditions occur at the same time, the precedence is in the order shown above (i.e. T867 linked has the highest priority, followed by internal error).

## 5.5 RF Checks

In-circuit RF levels may be measured with an RF probe on which the earth lead has been shortened to a minimum (i.e. 13mm). Refer to the circuit diagrams for typical levels.

Figure 5.1 shows a suitable RF probe circuit..



**Figure 5.1 RF Diode Probe Circuit**

### 5.5.1 T867 Output Power

Refer to the exciter drive amplifier fault finding chart (Section 5.7.4).

Ensure that the VCO locks (refer to Section 5.4.2).

Connect the exciter output to a power meter and key the exciter.

Check that the output power is between 600 and 1000mW.

**Note:** If the synthesiser is out of lock, the lock detector (synthesiser IC740 and comparator IC750) will prevent the RF signal from reaching the PA by switching the supply to the exciter amplifier (Q340, Q345).

### 5.5.2 Audio And Modulation

Refer to the audio processor fault finding chart (Section 5.7.5).

Set up the audio processor as described in Section 3.9.

Check that the demodulated RF output has the frequency response referred to in Section 4.5 with at least  $\pm 5\text{kHz}$  ( $\pm 4\text{kHz}$ ) [ $\pm 2.5\text{kHz}$ ] deviation available at 1kHz modulating frequency.

If the above result is not achieved, either the two modulators are incorrectly adjusted or a fault condition exists.

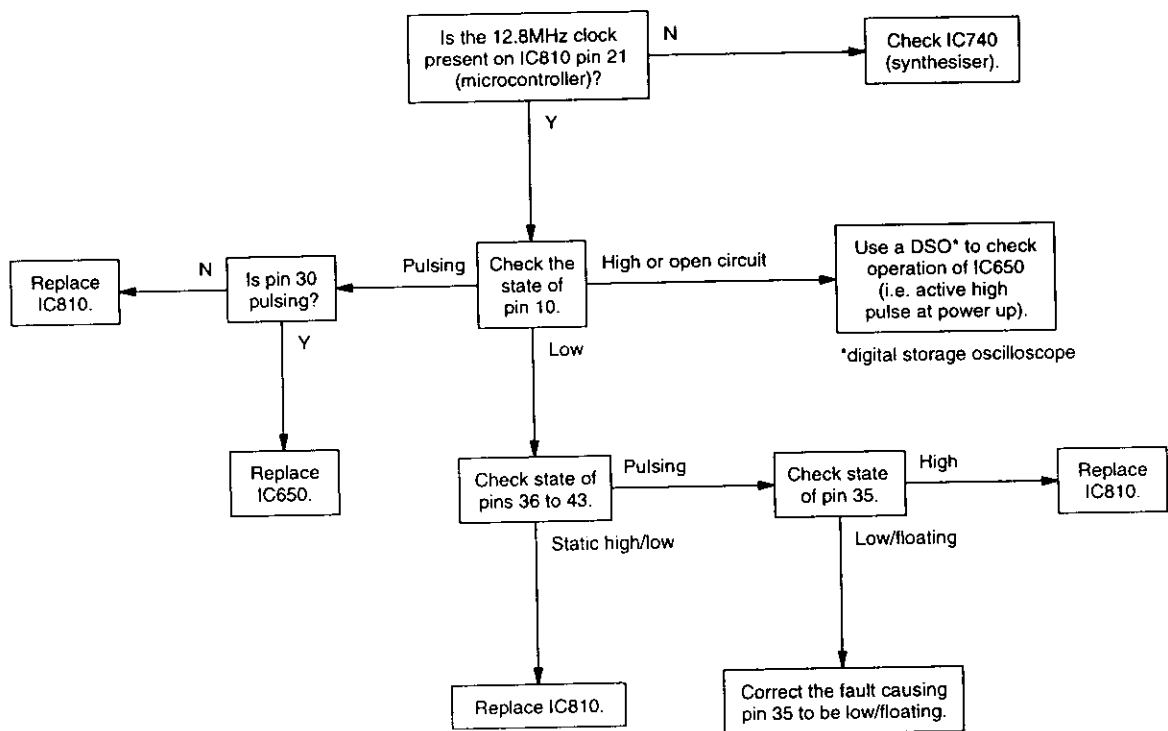
## 5.7 Fault Finding Charts

**Note:** The standard test point designations used in this section are as follows:

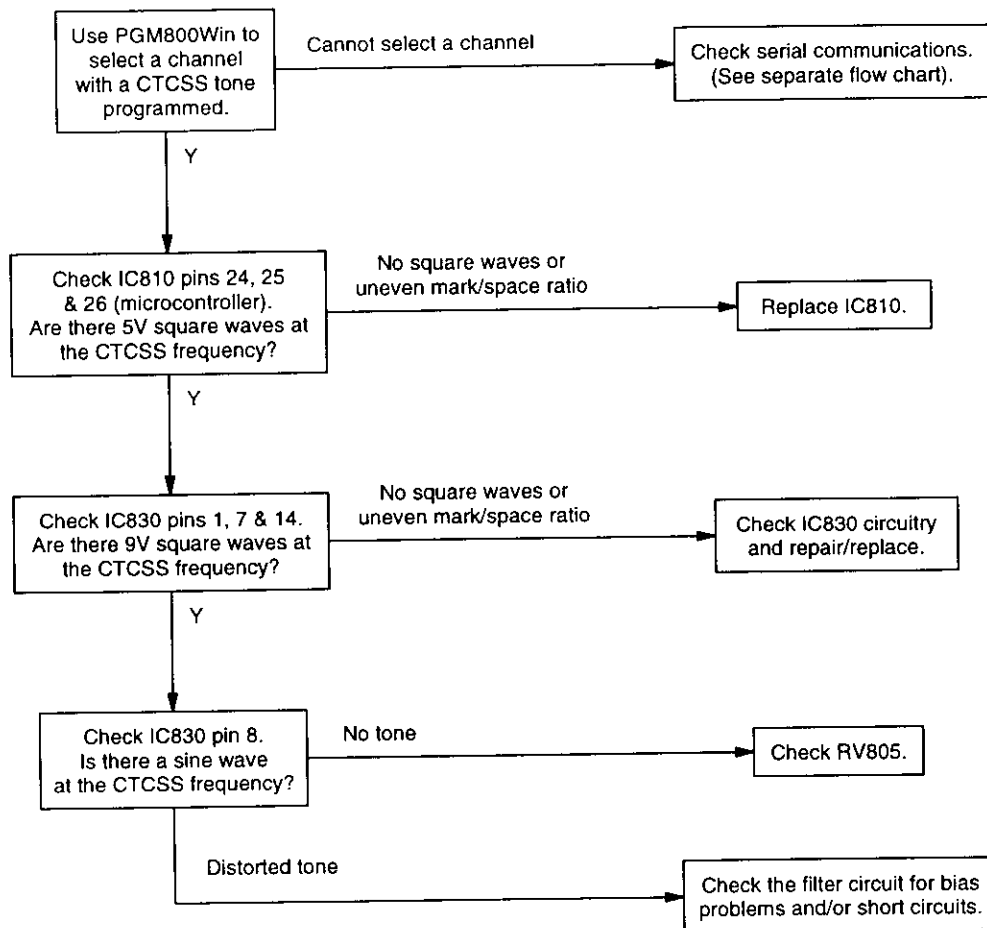
TP601	13.8V
TP602	9V
TP603	20V
TP604	5V

### 5.7.1 Microcontroller (IC810)

#### 5.7.1.1 Basic Checks

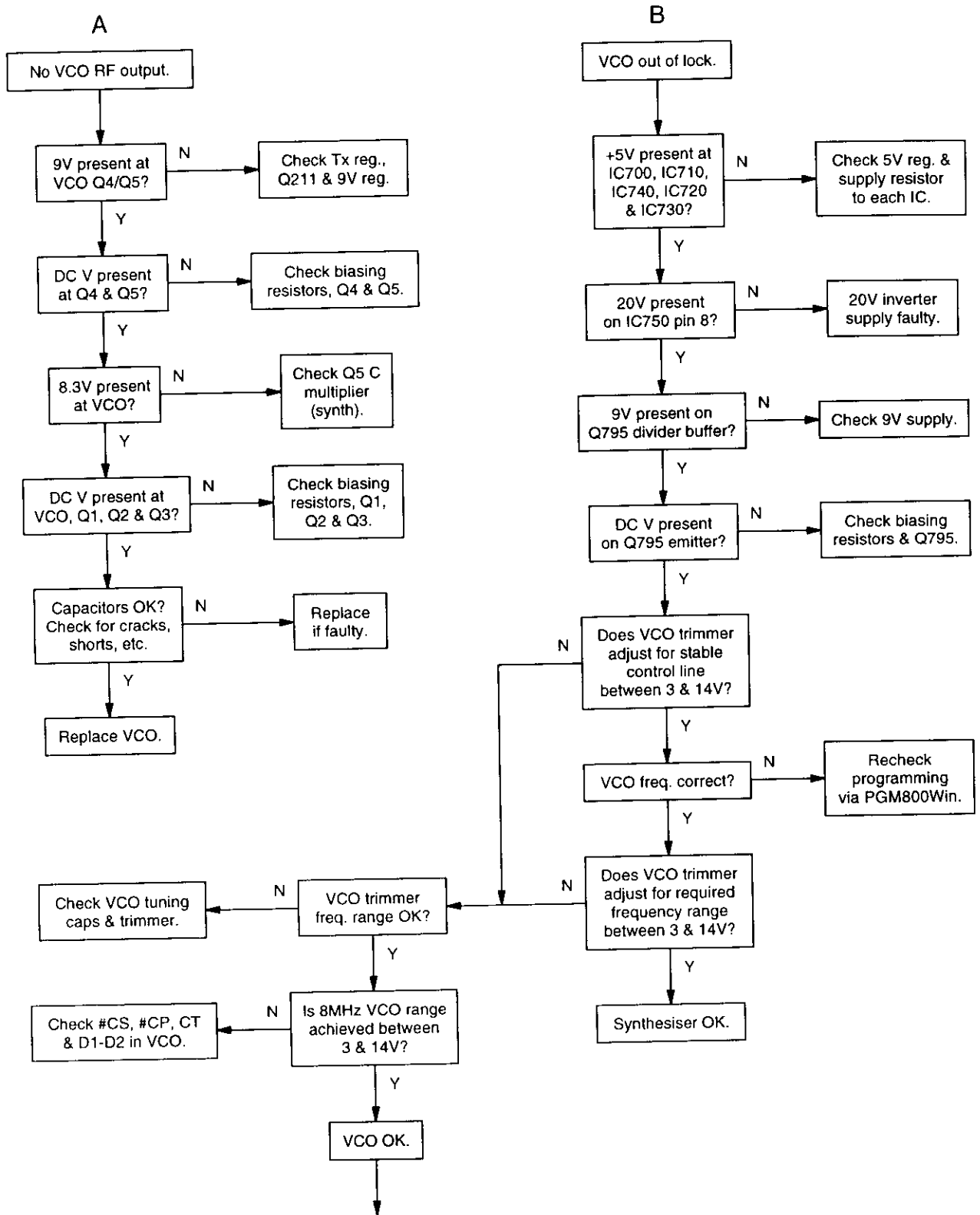


## 5.7.1.3 CTCSS Encode

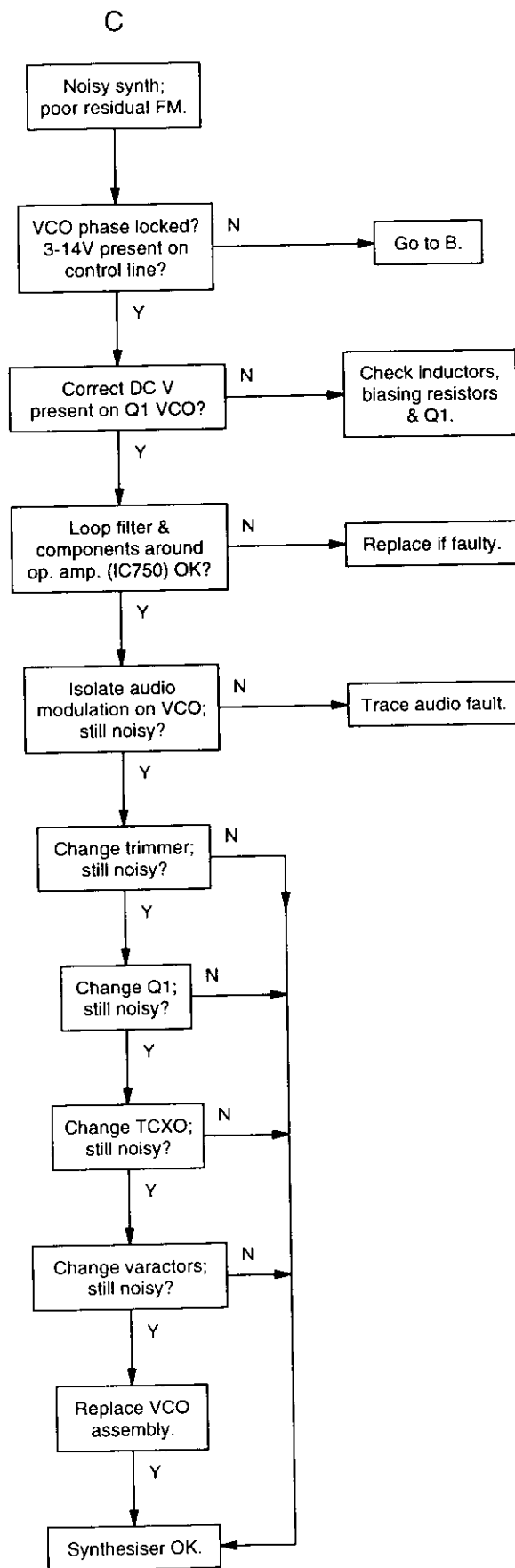


### 5.7.3 Synthesiser

Refer to the synthesiser circuit diagram (sheet 7) in Section 6 and the VCO circuit diagram in Part E.

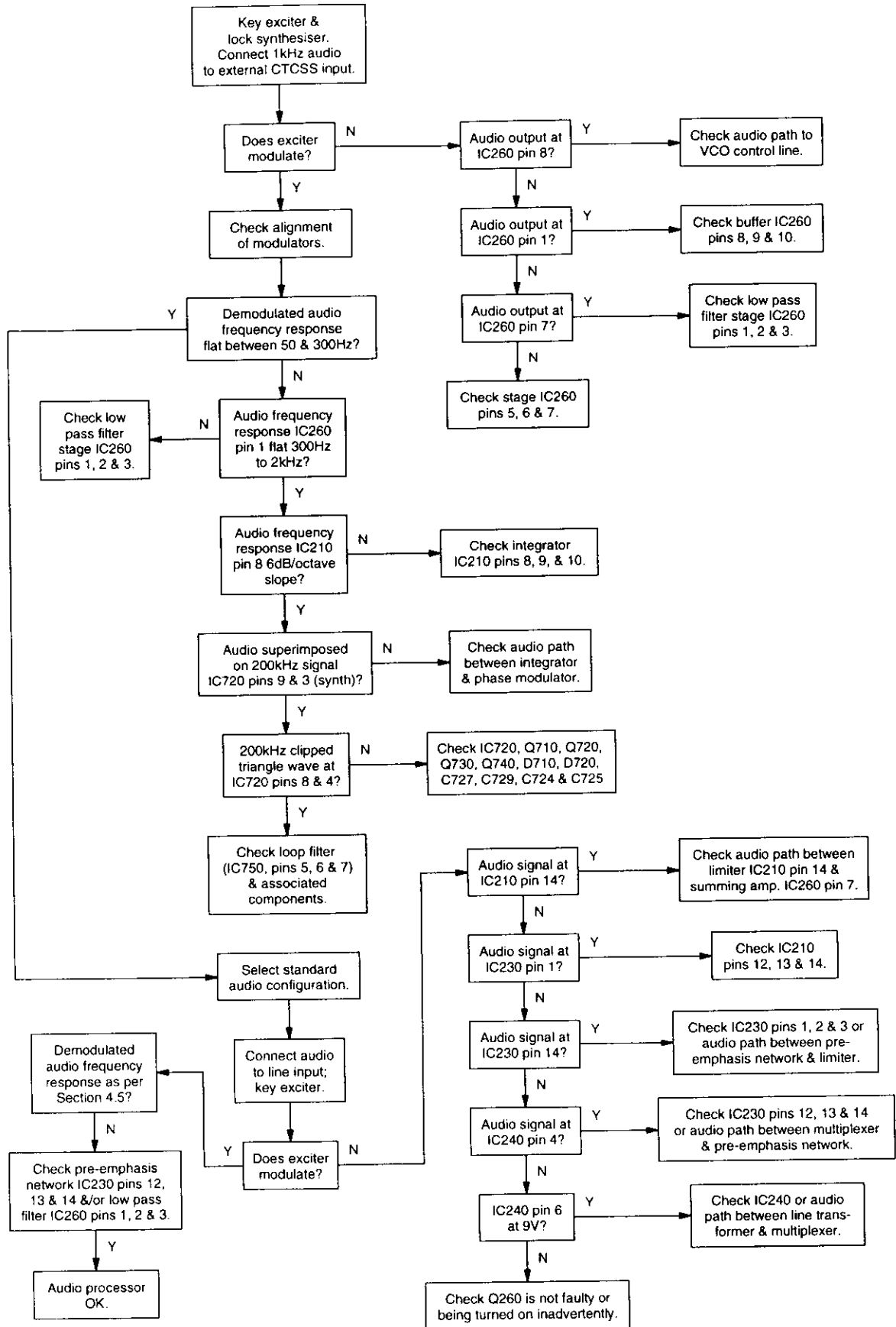


Continued on the next page





### 5.7.5 Audio Processor



## Item T867-10-0000

Revision/Variant C  
Date created 25/05/98

No Ref	.352-00010-29.	NUT M4 NYLOC HEX
No Ref	.308-01007-01.	HANDLE BASE STATION SERIES II
No Ref	.312-01052-02.	LID TOP T800 SER II PTND
No Ref	.312-01053-02.	LID BOTTOM T800 SER II PNTD
No Ref	.316-06619-00.	PNL FRT EX. NO EX OUT SER II
No Ref	.349-00020-36.	LIM)SCREW TT M3X8m PANTORX BLK
No Ref	.X867-10-0000.	DEV)T867-10-0000 MAIN BRD ASSY
No Ref	.349-00020-45.	SCRW T/T M4X20MM P/POZ BZ
No Ref	.410-01082-01.	CRTN 10 T800 KIWI 423X410X360
No Ref	.353-00010-24.	WSHR M4 FLAT ST BZ A4M1957
No Ref	.362-00010-33.	GROMMET LED MTG 3MM
No Ref	.365-00011-53.	LABEL 104*37MM
No Ref	.365-00100-20.	LABEL WHITE S/A 28X11MM
No Ref	.399-00010-51.	BAG PLASTIC 75*100MM
No Ref	.410-01081-01.	CRT T800 SERIES II
No Ref	.349-00020-43.	SCRW T/T M4X12MM P/POZ BZ

## Item X867-10-0000

Revision/Variant D  
Date created 25/05/98

#C269	.015-21150-01.	CAP CER 0805 1P5+-1/4P NPO 50V
#C294	.015-22470-01.	CAP CER 0805 47P 5% NPO 50V
#C295	.022-06470-02.	CAP MYLAR 470N 10% 50V
#C384	.015-22180-01.	CAP CER 0805 18P 5% NPO 50V
#R264	.036-15220-00.	RES M/F 0805 22K 5%
#R265	.036-15150-00.	RES M/F 0805 15K 5%
#R266	.036-15470-00.	RES M/F 0805 47K 5%
#R298	.036-16100-00.	RES M/F 0805 100K 5%
#R386	.036-12470-00.	RES M/F 0805 47E 5%
%C733	.015-23470-08.	CAP CER 0805 470P 10% X7R 50V
%R200	.030-50000-20.	RES AI ZERO OHM 4X1.6
%R203	.030-50000-20.	RES AI ZERO OHM 4X1.6
%R550	.036-14470-00.	RES M/F 0805 4K7 5%
%R715	.036-14100-00.	RES M/F 0805 1K 5%
%R726	.036-13100-00.	RES M/F 0805 100E 5%
=IC700	.539-00010-41.	TCXO 12.8MHZ +-2.5PPM -30 +70C
C201	.020-07470-92.	CAP BI-P RA 4M7 50V 6X11 5 LS
C202	.020-07470-92.	CAP BI-P RA 4M7 50V 6X11 5 LS
C204	.020-07470-92.	CAP BI-P RA 4M7 50V 6X11 5 LS
C205	.020-07470-92.	CAP BI-P RA 4M7 50V 6X11 5 LS
C207	.014-07470-00.	CAP TANT CHIP 4U7 3.5 X 2.8MM
C209	.015-25470-08.	CAP CER 0805 47N 10% X7R 50V
C210	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V
C211	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V
C213	.014-08100-00.	CAP TANT CHIP 10M 16VW +-20%
C215	.014-08220-01.	(L)CAP TANT 22UF10V276MSER
C217	.015-24220-08.	CAP CER 0805 2N2 10% X7R 50V
C219	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V
C221	.014-08220-01.	(L)CAP TANT 22UF10V276MSER
C223	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V
C225	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V
C227	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V
C229	.015-23150-01.	CAP CER 0805 150P 5% NPO 50V
C230	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V
C232	.015-23150-01.	CAP CER 0805 150P 5% NPO 50V
C233	.016-08470-01.	CAP EL SMD 6*4 47U 16V
C235	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V
C237	.014-07100-02.	CAP TANT CHIP 1U0 3.2 X 1.6MM
C239	.020-07470-92.	CAP BI-P RA 4M7 50V 6X11 5 LS
C241	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V
C242	.014-08100-00.	CAP TANT CHIP 10M 16VW +-20%
C243	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V
C245	.015-23150-01.	CAP CER 0805 150P 5% NPO 50V
C247	.015-23150-01.	CAP CER 0805 150P 5% NPO 50V
C249	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V
C251	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V
C253	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V
C255	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V
C257	.015-22470-01.	CAP CER 0805 47P 5% NPO 50V
C259	.015-25470-08.	CAP CER 0805 47N 10% X7R 50V
C260	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V
C261	.014-07470-00.	CAP TANT CHIP 4U7 3.5 X 2.8MM
C263	.020-09100-04.	CAP ELE RA 100M 10V 6.3X9MM
C265	.020-07470-92.	CAP BI-P RA 4M7 50V 6X11 5 LS
C267	.015-24470-08.	CAP CER 0805 4N7 10% X7R 50V
C271	.015-22470-01.	CAP CER 0805 47P 5% NPO 50V
C273	.015-25470-08.	CAP CER 0805 47N 10% X7R 50V
C275	.015-23120-01.	CAP CER 0805 120P 5% NPO 50V
C277	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V
C279	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V
C281	.015-25220-08.	CAP CER 0805 22N 10% X7R 50V
C283	.015-21470-01.	CAP CER 0805 4P7+-1/4P NPO 50V
C285	.015-21470-01.	CAP CER 0805 4P7+-1/4P NPO 50V
C287	.020-09100-04.	CAP ELE RA 100M 10V 6.3X9MM
C289	.015-25470-08.	CAP CER 0805 47N 10% X7R 50V
C291	.014-08220-01.	(L)CAP TANT 22UF10V276MSER
C293	.015-27100-10.	CAP CER 0805 1M+80-20% Y5V 16V
C304	.015-24470-08.	CAP CER 0805 4N7 10% X7R 50V
C306	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V
C309	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V
C312	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V
C316	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V
C317	.015-23100-01.	CAP CER 0805 100P 5% NPO 50V
C318	.015-23100-01.	CAP CER 0805 100P 5% NPO 50V
C320	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V
C324	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V
C330A	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V
C330B	.016-08100-01.	CAP EL 6X4 10M 20% 16V
C332	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V
C334	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V
C336	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V
C338	.015-25150-08.	CAP CER 0805 15N 10% X7R 50V
C340	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V
C342	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V
C344	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V
C346	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V
C349	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V
C350	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V
C353	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V
C356	.015-22560-01.	CAP CER 0805 56P 5% NPO 50V
C359	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V
C362	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V
C365	.015-22180-01.	CAP CER 0805 18P 5% NPO 50V
C368	.015-22390-01.	CAP CER 0805 39P 5% NPO 50V

Q530	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF	R292	.036-14470-00.	RES M/F 0805 4K7 5%
Q540	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF	R293	.036-15470-00.	RES M/F 0805 47K 5%
Q550	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R294	.036-14470-00.	RES M/F 0805 4K7 5%
Q610	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF	R295	.036-14270-00.	RES M/F 0805 2K7 5%
Q620	.000-00012-15.	S) XSTR BD234 PNP AF PWR TO126	R296	.036-14100-00.	RES M/F 0805 1K 5%
Q630	.000-50011-30.	S) XSTR AI BC557B PNP TO92 AF	R297	.036-14560-00.	RES M/F 0805 5K6 5%
Q660	.000-10008-17.	S) XSTR SMD BC817-25 NPN SOT23	R299	.036-14270-00.	RES M/F 0805 2K7 5%
Q670	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R302	.036-15220-00.	RES M/F 0805 22K 5%
Q710	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R304	.036-14270-00.	RES M/F 0805 2K7 5%
Q720	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R306	.036-15100-00.	RES M/F 0805 10K 5%
Q730	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R308	.036-16100-00.	RES M/F 0805 100K 5%
Q740	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R310	.036-15220-00.	RES M/F 0805 22K 5%
Q750	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF	R312	.036-14150-00.	RES M/F 0805 1K5 5%
Q760	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R314	.036-13150-00.	RES M/F 0805 150E 5%
Q770	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R316	.036-15100-00.	RES M/F 0805 10K 5%
Q775	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R318	.036-14220-00.	RES M/F 0805 2K2 5%
Q780	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R320	.036-14100-00.	RES M/F 0805 1K 5%
Q785	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R322	.036-12220-00.	RES M/F 0805 22E 5%
Q790	.000-10003-12.	S) XSTR SMD BFR31 N JFET SOT23	R324	.036-13470-00.	RES M/F 0805 470E 5%
Q795	.000-10057-10.	S) XSTR SMD BR571 NPN SOT23	R326	.036-13470-00.	RES M/F 0805 470E 5%
Q810	.000-10008 48.	S) XSTR SMD BCW60 NPN SOT23 SS	R328	.036-13470-00.	RES M/F 0805 470E 5%
Q820	.000-10008-17.	S) XSTR SMD BC817-25 NPN SOT23	R330	.036-12220-00.	RES M/F 0805 22E 5%
Q830	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R332	.036-15470-00.	RES M/F 0805 47K 5%
Q840	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R334	.036-15100-00.	RES M/F 0805 10K 5%
Q850	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R336	.036-14100-00.	RES M/F 0805 1K 5%
Q860	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R338	.036-14100-00.	RES M/F 0805 1K 5%
R160	.036-12100-00.	RES M/F 0805 10E 5%	R340	.036-16100-00.	RES M/F 0805 100K 5%
R201	.036-13560-00.	RES M/F 0805 560E 5%	R342	.036-15150-00.	RES M/F 0805 15K 5%
R202	.036-14100-00.	RES M/F 0805 1K 5%	R344	.036-15470-00.	RES M/F 0805 47K 5%
R204	.036-14220-00.	RES M/F 0805 2K2 5%	R345	.036-12220-00.	RES M/F 0805 22E 5%
R205	.036-13220-00.	RES M/F 0805 220E 5%	R346	.036-16120-00.	RES M/F 0805 120K 5%
R206	.036-14100-00.	RES M/F 0805 1K 5%	R348	.036-14470-00.	RES M/F 0805 4K7 5%
R207	.036-14390-00.	RES M/F 0805 3K9 5%	R350	.036-14100-00.	RES M/F 0805 1K 5%
R208	.036-13560-00.	RES M/F 0805 560E 5%	R352	.036-15150-00.	RES M/F 0805 15K 5%
R209	.036-15100-00.	RES M/F 0805 10K 5%	R354	.036-15150-00.	RES M/F 0805 15K 5%
R210	.036-14220-00.	RES M/F 0805 2K2 5%	R356	.036-14100-00.	RES M/F 0805 1K 5%
R212	.036-16100-00.	RES M/F 0805 100K 5%	R359	.036-13100-00.	RES M/F 0805 100E 5%
R213	.036-15100-00.	RES M/F 0805 10K 5%	R360	.036-12680-00.	RES M/F 0805 68E 5%
R214	.036-14820-00.	RES M/F 0805 8K2 5%	R362	.036-13100-00.	RES M/F 0805 100E 5%
R215	.036-16100-00.	RES M/F 0805 100K 5%	R364	.036-14150-00.	RES M/F 0805 1K5 5%
R216	.036-16100-00.	RES M/F 0805 100K 5%	R366	.036-12470-00.	RES M/F 0805 47E 5%
R217	.036-14100-00.	RES M/F 0805 1K 5%	R368	.036-15100-00.	RES M/F 0805 10K 5%
R218	.036-16150-00.	RES M/F 0805 150K 5%	R370	.036-13560-00.	RES M/F 0805 560E 5%
R219	.036-14220-00.	RES M/F 0805 2K2 5%	R372	.036-14150-00.	RES M/F 0805 1K5 5%
R221	.036-14150-00.	RES M/F 0805 1K5 5%	R374	.036-13330-00.	RES M/F 0805 330E 5%
R223	.036-17100-00.	RES M/F 0805 1M 5%	R376	.036-14150-00.	RES M/F 0805 1K5 5%
R224	.036-14680-00.	RES M/F 0805 6K8 5%	R377	.036-14120-00.	RES M/F 0805 1K2 5%
R225	.036-17100-00.	RES M/F 0805 1M 5%	R378	.036-14120-00.	RES M/F 0805 1K2 5%
R226	.036-15100-00.	RES M/F 0805 10K 5%	R380	.030-53150-20.	RES FILM AI 150E 5% 0.4W 4X1.6
R227	.036-14220-00.	RES M/F 0805 2K2 5%	R382	.030-53150-20.	RES FILM AI 150E 5% 0.4W 4X1.6
R229	.036-16470-00.	RES M/F 0805 470K 5%	R384	.036-11330-00.	RES M/F 0805 3E3 5%
R230	.036-16100-00.	RES M/F 0805 100K 5%	R387	.036-14180-00.	RES M/F 0805 1K8 5%
R231	.036-15100-00.	RES M/F 0805 10K 5%	R388	.036-14180-00.	RES M/F 0805 1K8 5%
R232	.036-16330-00.	RES M/F 0805 330K 5%	R389	.036-14180-00.	RES M/F 0805 1K8 5%
R233	.036-16100-00.	RES M/F 0805 100K 5%	R390	.036-11330-00.	RES M/F 0805 3E3 5%
R235	.036-14470-00.	RES M/F 0805 4K7 5%	R392	.036-14180-00.	RES M/F 0805 1K8 5%
R237	.036-15470-00.	RES M/F 0805 47K 5%	R394	.036-12220-00.	RES M/F 0805 22E 5%
R238	.036-15470-00.	RES M/F 0805 47K 5%	R396	.036-14180-00.	RES M/F 0805 1K8 5%
R239	.036-14150-00.	RES M/F 0805 1K5 5%	R502	.036-13330-00.	RES M/F 0805 330E 5%
R241	.036-14470-00.	RES M/F 0805 4K7 5%	R505	.036-15150-00.	RES M/F 0805 15K 5%
R242	.036-14220-00.	RES M/F 0805 2K2 5%	R510	.036-13680-00.	RES M/F 0805 680E 5%
R244	.036-15100-00.	RES M/F 0805 10K 5%	R515	.036-12560-00.	RES M/F 0805 56E 5%
R245	.036-16100-00.	RES M/F 0805 100K 5%	R520	.036-16120-00.	RES M/F 0805 120K 5%
R247	.036-15100-00.	RES M/F 0805 10K 5%	R525	.036-15470-00.	RES M/F 0805 47K 5%
R248	.036-16100-00.	RES M/F 0805 100K 5%	R530	.036-15220-00.	RES M/F 0805 22K 5%
R249	.036-16100-00.	RES M/F 0805 100K 5%	R535	.036-15100-00.	RES M/F 0805 10K 5%
R251	.036-16100-00.	RES M/F 0805 100K 5%	R540	.036-14220-00.	RES M/F 0805 2K2 5%
R253	.036-16100-00.	RES M/F 0805 100K 5%	R545	.036-14470-00.	RES M/F 0805 4K7 5%
R254	.036-16100-00.	RES M/F 0805 100K 5%	R555	.036-14470-00.	RES M/F 0805 4K7 5%
R255	.036-15100-00.	RES M/F 0805 10K 5%	R560	.036-13470-00.	RES M/F 0805 470E 5%
R256	.036-15470-00.	RES M/F 0805 47K 5%	R609	.036-14100-00.	RES M/F 0805 1K 5%
R257	.036-16330-00.	RES M/F 0805 330K 5%	R613	.036-13560-00.	RES M/F 0805 560E 5%
R258	.036-16150-00.	RES M/F 0805 150K 5%	R615	.036-13100-00.	RES M/F 0805 100E 5%
R259	.036-15220-00.	RES M/F 0805 22K 5%	R617	.036-10000-00.	RES M/F 0805 ZERO OHM
R260	.036-15470-00.	RES M/F 0805 47K 5%	R619	.036-01100-10.	RES 1 OHM 1 WATT 2512 CHIP
R262	.036-15470-00.	RES M/F 0805 47K 5%	R621	.036-01100-10.	RES 1 OHM 1 WATT 2512 CHIP
R263	.036-14470-00.	RES M/F 0805 4K7 5%	R625	.036-14100-00.	RES M/F 0805 1K 5%
R267	.036-14220-00.	RES M/F 0805 2K2 5%	R629	.036-03270-10.	RES 270 OHM 1 WATT 2512 CHIP
R268	.036-13100-00.	RES M/F 0805 100E 5%	R633	.036-14680-00.	RES M/F 0805 6K8 5%
R269	.036-15100-00.	RES M/F 0805 10K 5%	R637	.036-12220-00.	RES M/F 0805 22E 5%
R270	.036-14120-00.	RES M/F 0805 1K2 5%	R641	.036-14150-00.	RES M/F 0805 1K5 5%
R271	.036-16390-00.	RES M/F 0805 390K 5%	R645	.036-13470-00.	RES M/F 0805 470E 5%
R272	.036-13560-00.	RES M/F 0805 560E 5%	R649	.036-14470-00.	RES M/F 0805 4K7 5%
R273	.036-15120-00.	RES M/F 0805 12K 5%	R653	.036-15100-00.	RES M/F 0805 10K 5%
R274	.036-15150-00.	RES M/F 0805 15K 5%	R655	.036-10000-00.	RES M/F 0805 ZERO OHM
R275	.036-14270-00.	RES M/F 0805 2K7 5%	R656	.036-10000-00.	RES M/F 0805 ZERO OHM
R277	.036-16100-00.	RES M/F 0805 100K 5%	R657	.036-15100-00.	RES M/F 0805 10K 5%
R278	.036-16120-00.	RES M/F 0805 120K 5%	R661	.036-15100-00.	RES M/F 0805 10K 5%
R279	.036-17100-00.	RES M/F 0805 1M 5%	R665	.036-16100-00.	RES M/F 0805 100K 5%
R280	.036-15100-00.	RES M/F 0805 10K 5%	R669	.036-15470-00.	RES M/F 0805 47K 5%
R282	.036-15560-00.	RES M/F 0805 56K 5%	R673	.036-16100-00.	RES M/F 0805 100K 5%
R283	.036-15560-00.	RES M/F 0805 56K 5%	R677	.036-15470-00.	RES M/F 0805 47K 5%
R284	.036-17100-00.	RES M/F 0805 1M 5%	R681	.036-13100-00.	RES M/F 0805 100E 5%
R285	.036-10000-00.	RES M/F 0805 ZERO OHM	R685	.036-15150-00.	RES M/F 0805 15K 5%
R286	.036-14220-00.	RES M/F 0805 2K2 5%	R689	.036-12100-00.	RES M/F 0805 10E 5%
R287	.036-15100-00.	RES M/F 0805 10K 5%	R693	.036-16100-00.	RES M/F 0805 100K 5%
R288	.036-15120-00.	RES M/F 0805 12K 5%	R696	.036-15560-00.	RES M/F 0805 56K 5%
R289	.036-16100-00.	RES M/F 0805 100K 5%	R701	.036-12220-00.	RES M/F 0805 22E 5%
R290	.036-13560-00.	RES M/F 0805 560E 5%	R702	.036-17100-00.	RES M/F 0805 1M 5%
R291	.036-10000-00.	RES M/F 0805 ZERO OHM	R703	.036-17100-00.	RES M/F 0805 1M 5%

Item T867-15-0000

Revision/Variant C  
Date created 25/05/98

No Ref .352-00010-29, NUT M4 NYLOC HEX  
 No Ref .308-01007-01, HANOLE BASE STATION SERIES II  
 No Ref .312-01052-02, LID TOP T800 SER II PTND  
 No Ref .312-01053-02, LID BOTTOM T800 SER II PNTD  
 No Ref .316-06619-00, PNL FRT EX. NO EX OUT SER II  
 No Ref .349-00020-36, LIM)SCREW TT M3X8m PANTORX BLK  
 No Ref .X867-15-0000, DEV)T867-15-0000 MAIN BRD ASSY  
 No Ref .349-00020-45, SCRWR T/T M4X20MM P/POZ BZ  
 No Ref .410-01082-01, CRTN 10 T800 KIWI 423X410X360  
 No Ref .353-00010-24, WSHR M4 FLAT ST BZ A4M1957  
 No Ref .362-00010-33, GROMMET LED MTG 3MM  
 No Ref .365-00011-53, LABEL 104\*37MM  
 No Ref .365-00100-20, LABEL WHITE S/A 28X11MM  
 No Ref .399-00010-51, BAG PLASTIC 75\*100MM  
 No Ref .410-01081-01, CRT T800 SERIES II  
 No Ref .349-00020-43, SCRWR T/T M4X12MM P/POZ BZ

Item X867-15-0000

Revision/Variant C  
Date created 25/05/98

#C269 .015-21470-01, CAP CER 0805 4P7+-1/4P NPO 50V  
 #C294 .015-22470-01, CAP CER 0805 47P 5% NPO 50V  
 #C295 .022-06470-02, CAP MYLAR 470N 10% 50V  
 #C384 .015-22180-01, CAP CER 0805 18P 5% NPO 50V  
 #R264 .036-15270-00, RES M/F 0805 27K 5%  
 #R265 .036-15180-00, RES M/F 0805 18K 5%  
 #R266 .036-15560-00, RES M/F 0805 56K 5%  
 #R298 .036-16100-00, RES M/F 0805 100K 5%  
 #R386 .036-12470-00, RES M/F 0805 47E 5%  
 %C733 .015-23470-08, CAP CER 0805 470P 10% X7R 50V  
 %R200 .030-50000-20, RES AI ZERO OHM 4X1.6  
 %R203 .030-50000-20, RES AI ZERO OHM 4X1.6  
 %R550 .036-14470-00, RES M/F 0805 4K7 5%  
 %R715 .036-14100-00, RES M/F 0805 1K 5%  
 %R726 .036-13100-00, RES M/F 0805 100E 5%  
 =IC700 .539-00010-41, TCXO 12.8MHZ +-2.5PPM -30 +70C  
 C201 .020-07470-92, CAP BI-P RA 4M7 50V 6X11 5 LS  
 C202 .020-07470-92, CAP BI-P RA 4M7 50V 6X11 5 LS  
 C204 .020-07470-92, CAP BI-P RA 4M7 50V 6X11 5 LS  
 C205 .020-07470-92, CAP BI-P RA 4M7 50V 6X11 5 LS  
 C207 .014-07470-00, CAP TANT CHIP 4U7 3.5 X 2.8MM  
 C209 .015-25470-08, CAP CER 0805 47N 10% X7R 50V  
 C210 .015-06100-08, CAP CER 1206 100N 10% X7R 50V  
 C211 .015-06100-08, CAP CER 1206 100N 10% X7R 50V  
 C213 .014-08100-00, CAP TANT CHIP 10M 16VW +-20%  
 C215 .014-08220-01, (L)CAP TANT 22UF10V276MSER  
 C217 .015-24220-08, CAP CER 0805 2N2 10% X7R 50V  
 C219 .015-24100-08, CAP CER 0805 1N 10% X7R 50V  
 C221 .014-08220-01, (L)CAP TANT 22UF10V276MSER  
 C223 .015-06100-08, CAP CER 1206 100N 10% X7R 50V  
 C225 .015-06100-08, CAP CER 1206 100N 10% X7R 50V  
 C227 .015-06100-08, CAP CER 1206 100N 10% X7R 50V  
 C229 .015-23150-01, CAP CER 0805 150P 5% NPO 50V  
 C230 .015-06100-08, CAP CER 1206 100N 10% X7R 50V  
 C232 .015-23150-01, CAP CER 0805 150P 5% NPO 50V  
 C233 .016-08470-01, CAP EL SMD 6\*4 47U 16V  
 C235 .015-24100-08, CAP CER 0805 1N 10% X7R 50V  
 C237 .014-07100-02, CAP TANT CHIP 1U0 3.2 X 1.6MM  
 C239 .020-07470-92, CAP BI-P RA 4M7 50V 6X11 5 LS  
 C241 .015-06100-08, CAP CER 1206 100N 10% X7R 50V  
 C242 .014-08100-00, CAP TANT CHIP 10M 16VW +-20%  
 C243 .015-24100-08, CAP CER 0805 1N 10% X7R 50V  
 C245 .015-23150-01, CAP CER 0805 150P 5% NPO 50V  
 C247 .015-23150-01, CAP CER 0805 150P 5% NPO 50V  
 C249 .015-24100-08, CAP CER 0805 1N 10% X7R 50V  
 C251 .015-24100-08, CAP CER 0805 1N 10% X7R 50V  
 C253 .015-24100-08, CAP CER 0805 1N 10% X7R 50V  
 C255 .015-24100-08, CAP CER 0805 1N 10% X7R 50V  
 C257 .015-22470-01, CAP CER 0805 47P 5% NPO 50V  
 C259 .015-25470-08, CAP CER 0805 47N 10% X7R 50V  
 C260 .015-06100-08, CAP CER 1206 100N 10% X7R 50V  
 C261 .014-07470-00, CAP TANT CHIP 4U7 3.5 X 2.8MM  
 C263 .020-09100-04, CAP ELE RA 100M 10V 6.3X9MM  
 C265 .020-07470-92, CAP BI-P RA 4M7 50V 6X11 5 LS  
 C267 .015-24470-08, CAP CER 0805 4N7 10% X7R 50V  
 C271 .015-22470-01, CAP CER 0805 47P 5% NPO 50V  
 C273 .015-25470-08, CAP CER 0805 47N 10% X7R 50V  
 C275 .015-23120-01, CAP CER 0805 120P 5% NPO 50V  
 C277 .015-25100-08, CAP CER 0805 10N 10% X7R 50V  
 C279 .015-24100-08, CAP CER 0805 1N 10% X7R 50V  
 C281 .015-25220-08, CAP CER 0805 22N 10% X7R 50V  
 C283 .015-21470-01, CAP CER 0805 4P7+-1/4P NPO 50V  
 C285 .015-21470-01, CAP CER 0805 4P7+-1/4P NPO 50V  
 C287 .020-09100-04, CAP ELE RA 100M 10V 6.3X9MM  
 C289 .015-25470-08, CAP CER 0805 47N 10% X7R 50V  
 C291 .014-08220-01, (L)CAP TANT 22UF10V276MSER  
 C293 .015-27100-10, CAP CER 0805 1M+-80-20% Y5V 16V  
 C304 .015-24470-08, CAP CER 0805 4N7 10% X7R 50V  
 C308 .015-25100-08, CAP CER 0805 10N 10% X7R 50V  
 C309 .015-23680-08, CAP CER 0805 680P 10% X7R 50V  
 C312 .015-23680-08, CAP CER 0805 680P 10% X7R 50V  
 C316 .015-23680-08, CAP CER 0805 680P 10% X7R 50V  
 C317 .015-23100-01, CAP CER 0805 100P 5% NPO 50V  
 C318 .015-23100-01, CAP CER 0805 100P 5% NPO 50V  
 C320 .015-23680-08, CAP CER 0805 680P 10% X7R 50V  
 C324 .015-23680-08, CAP CER 0805 680P 10% X7R 50V  
 C330A .015-25100-08, CAP CER 0805 10N 10% X7R 50V  
 C330B .016-08100-01, CAP EL 6X4 10M 20% 16V  
 C332 .015-23680-08, CAP CER 0805 680P 10% X7R 50V  
 C334 .015-25100-08, CAP CER 0805 10N 10% X7R 50V  
 C336 .015-23680-08, CAP CER 0805 680P 10% X7R 50V  
 C338 .015-25150-08, CAP CER 0805 15N 10% X7R 50V  
 C340 .015-24100-08, CAP CER 0805 1N 10% X7R 50V  
 C342 .015-06100-08, CAP CER 1206 100N 10% X7R 50V  
 C344 .015-24100-08, CAP CER 0805 1N 10% X7R 50V  
 C346 .015-24100-08, CAP CER 0805 1N 10% X7R 50V  
 C349 .015-23680-08, CAP CER 0805 680P 10% X7R 50V  
 C350 .015-23680-08, CAP CER 0805 680P 10% X7R 50V  
 C353 .015-23680-08, CAP CER 0805 680P 10% X7R 50V  
 C356 .015-22560-01, CAP CER 0805 56P 5% NPO 50V  
 C359 .015-23680-08, CAP CER 0805 680P 10% X7R 50V  
 C362 .015-23680-08, CAP CER 0805 680P 10% X7R 50V  
 C365 .015-22180-01, CAP CER 0805 18P 5% NPO 50V  
 C368 .015-22390-01, CAP CER 0805 39P 5% NPO 50V

Q530	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF	R292	.036-14470-00.	RES M/F 0805 4K7 5%
Q540	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF	R293	.036-15470-00.	RES M/F 0805 47K 5%
Q550	.000-10008-08.	S) XSTR SMD BCW60 NPN SOT23 SS	R294	.036-14470-00.	RES M/F 0805 4K7 5%
Q610	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF	R295	.036-14270-00.	RES M/F 0805 2K7 5%
Q620	.000-00012-15.	S) XSTR BD234 PNP AF PWR TO126	R296	.036-14100-00.	RES M/F 0805 1K 5%
Q630	.000-50011-30.	S) XSTR AI BC557B PNP TO92 AF	R297	.036-14560-00.	RES M/F 0805 5K6 5%
Q660	.000-10008-17.	S) XSTR SMD BC817-25 NPN SOT23	R299	.036-14270-00.	RES M/F 0805 2K7 5%
Q670	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R302	.036-15220-00.	RES M/F 0805 22K 5%
Q710	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R304	.036-14270-00.	RES M/F 0805 2K7 5%
Q720	.000-10008-57.	S) XSTR SMD BCW60 NPN SOT23 SS	R306	.036-15100-00.	RES M/F 0805 10K 5%
Q730	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R308	.036-16100-00.	RES M/F 0805 100K 5%
Q740	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R310	.036-15220-00.	RES M/F 0805 22K 5%
Q750	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF	R312	.036-14150-00.	RES M/F 0805 1K5 5%
Q760	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R314	.036-13150-00.	RES M/F 0805 150E 5%
Q770	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R316	.036-15100-00.	RES M/F 0805 10K 5%
Q775	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R318	.036-14220-00.	RES M/F 0805 2K2 5%
Q780	.000-10008-48.	S) XSTR SMD BCW80 NPN SOT23 SS	R320	.036-14100-00.	RES M/F 0805 1K 5%
Q785	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R322	.036-12220-00.	RES M/F 0805 22E 5%
Q790	.000-10003-12.	S) XSTR SMD BFR31 N JFET SOT23	R324	.036-13470-00.	RES M/F 0805 470E 5%
Q795	.000-10057-10.	S) XSTR SMD BR571 NPN SOT23	R326	.036-13470-00.	RES M/F 0805 470E 5%
Q810	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R328	.036-13470-00.	RES M/F 0805 470E 5%
Q820	.000-10008-17.	S) XSTR SMD BC817-25 NPN SOT23	R330	.036-12220-00.	RES M/F 0805 22E 5%
Q830	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R332	.036-15470-00.	RES M/F 0805 47K 5%
Q840	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R334	.036-15100-00.	RES M/F 0805 10K 5%
Q850	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R336	.036-14100-00.	RES M/F 0805 1K 5%
Q860	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R338	.036-14100-00.	RES M/F 0805 1K 5%
R160	.036-12100-00.	RES M/F 0805 10E 5%	R340	.036-16100-00.	RES M/F 0805 100K 5%
R201	.036-13560-00.	RES M/F 0805 560E 5%	R342	.036-15150-00.	RES M/F 0805 15K 5%
R202	.036-14100-00.	RES M/F 0805 1K 5%	R344	.036-15470-00.	RES M/F 0805 47K 5%
R204	.036-14220-00.	RES M/F 0805 2K2 5%	R345	.036-12220-00.	RES M/F 0805 22E 5%
R205	.036-13220-00.	RES M/F 0805 220E 5%	R346	.036-16120-00.	RES M/F 0805 120K 5%
R206	.036-14100-00.	RES M/F 0805 1K 5%	R348	.036-14470-00.	RES M/F 0805 4K7 5%
R207	.036-14390-00.	RES M/F 0805 3K9 5%	R350	.036-14100-00.	RES M/F 0805 1K 5%
R208	.036-13560-00.	RES M/F 0805 560E 5%	R352	.036-15150-00.	RES M/F 0805 15K 5%
R209	.036-15100-00.	RES M/F 0805 10K 5%	R354	.036-15150-00.	RES M/F 0805 15K 5%
R210	.036-14220-00.	RES M/F 0805 2K2 5%	R356	.036-14100-00.	RES M/F 0805 1K 5%
R212	.036-16100-00.	RES M/F 0805 100K 5%	R359	.036-13100-00.	RES M/F 0805 100E 5%
R213	.036-15100-00.	RES M/F 0805 10K 5%	R360	.036-12680-00.	RES M/F 0805 68E 5%
R214	.036-14820-00.	RES M/F 0805 8K2 5%	R362	.036-13100-00.	RES M/F 0805 100E 5%
R215	.036-16100-00.	RES M/F 0805 100K 5%	R364	.036-14150-00.	RES M/F 0805 1K5 5%
R216	.036-16100-00.	RES M/F 0805 100K 5%	R366	.036-12470-00.	RES M/F 0805 47E 5%
R217	.036-14100-00.	RES M/F 0805 1K 5%	R368	.036-15100-00.	RES M/F 0805 10K 5%
R218	.036-16150-00.	RES M/F 0805 150K 5%	R370	.036-13560-00.	RES M/F 0805 560E 5%
R219	.036-14220-00.	RES M/F 0805 2K2 5%	R372	.036-14150-00.	RES M/F 0805 1K5 5%
R221	.036-14150-00.	RES M/F 0805 1K5 5%	R374	.036-13330-00.	RES M/F 0805 330E 5%
R223	.036-17100-00.	RES M/F 0805 1M 5%	R376	.036-14150-00.	RES M/F 0805 1K5 5%
R224	.036-14680-00.	RES M/F 0805 6K8 5%	R377	.036-14120-00.	RES M/F 0805 1K2 5%
R225	.036-17100-00.	RES M/F 0805 1M 5%	R378	.036-14120-00.	RES M/F 0805 1K2 5%
R226	.036-15100-00.	RES M/F 0805 10K 5%	R380	.030-53150-20.	RES FILM A1 150E 5% 0.4W 4X1.6
R227	.036-14220-00.	RES M/F 0805 2K2 5%	R382	.030-53150-20.	RES FILM A1 150E 5% 0.4W 4X1.6
R229	.036-16470-00.	RES M/F 0805 470K 5%	R384	.036-11330-00.	RES M/F 0805 3E3 5%
R230	.036-16100-00.	RES M/F 0805 100K 5%	R387	.036-14180-00.	RES M/F 0805 1K8 5%
R231	.036-15100-00.	RES M/F 0805 10K 5%	R388	.036-14180-00.	RES M/F 0805 1K8 5%
R232	.036-16330-00.	RES M/F 0805 330K 5%	R389	.036-14180-00.	RES M/F 0805 1K8 5%
R233	.036-16100-00.	RES M/F 0805 100K 5%	R390	.036-11330-00.	RES M/F 0805 3E3 5%
R235	.036-14470-00.	RES M/F 0805 4K7 5%	R392	.036-14180-00.	RES M/F 0805 1K8 5%
R237	.036-15470-00.	RES M/F 0805 47K 5%	R394	.036-12220-00.	RES M/F 0805 22E 5%
R238	.036-15470-00.	RES M/F 0805 47K 5%	R396	.036-14180-00.	RES M/F 0805 1K8 5%
R239	.036-14150-00.	RES M/F 0805 1K5 5%	R502	.036-13330-00.	RES M/F 0805 330E 5%
R241	.036-14470-00.	RES M/F 0805 4K7 5%	R505	.036-15150-00.	RES M/F 0805 15K 5%
R242	.036-14220-00.	RES M/F 0805 2K2 5%	R510	.036-13680-00.	RES M/F 0805 680E 5%
R244	.036-15100-00.	RES M/F 0805 10K 5%	R515	.036-12560-00.	RES M/F 0805 56E 5%
R245	.036-16100-00.	RES M/F 0805 100K 5%	R520	.036-16120-00.	RES M/F 0805 120K 5%
R247	.036-15100-00.	RES M/F 0805 10K 5%	R525	.036-15470-00.	RES M/F 0805 47K 5%
R248	.036-16100-00.	RES M/F 0805 100K 5%	R530	.036-15220-00.	RES M/F 0805 22K 5%
R249	.036-16100-00.	RES M/F 0805 100K 5%	R535	.036-15100-00.	RES M/F 0805 10K 5%
R251	.036-16100-00.	RES M/F 0805 100K 5%	R540	.036-14220-00.	RES M/F 0805 2K2 5%
R253	.036-16100-00.	RES M/F 0805 100K 5%	R545	.036-14470-00.	RES M/F 0805 4K7 5%
R254	.036-16100-00.	RES M/F 0805 100K 5%	R555	.036-14470-00.	RES M/F 0805 4K7 5%
R255	.036-15100-00.	RES M/F 0805 10K 5%	R560	.036-13470-00.	RES M/F 0805 470E 5%
R256	.036-15470-00.	RES M/F 0805 47K 5%	R609	.036-14100-00.	RES M/F 0805 1K 5%
R257	.036-16330-00.	RES M/F 0805 330K 5%	R613	.036-13560-00.	RES M/F 0805 560E 5%
R258	.036-16150-00.	RES M/F 0805 150K 5%	R615	.036-13100-00.	RES M/F 0805 100E 5%
R259	.036-15220-00.	RES M/F 0805 22K 5%	R617	.036-10000-00.	RES M/F 0805 ZERO OHM
R260	.036-15470-00.	RES M/F 0805 47K 5%	R619	.036-01100-10.	RES 1 OHM 1 WATT 2512 CHIP
R262	.036-15470-00.	RES M/F 0805 47K 5%	R621	.036-01100-10.	RES 1 OHM 1 WATT 2512 CHIP
R263	.036-14470-00.	RES M/F 0805 4K7 5%	R625	.036-14100-00.	RES M/F 0805 1K 5%
R267	.036-14220-00.	RES M/F 0805 2K2 5%	R629	.036-03270-10.	RES 270 OHM 1 WATT 2512 CHIP
R268	.036-13100-00.	RES M/F 0805 100E 5%	R633	.036-14680-00.	RES M/F 0805 6K8 5%
R269	.036-15100-00.	RES M/F 0805 10K 5%	R637	.036-12220-00.	RES M/F 0805 22E 5%
R270	.036-14120-00.	RES M/F 0805 1K2 5%	R641	.036-14150-00.	RES M/F 0805 1K5 5%
R271	.036-16390-00.	RES M/F 0805 390K 5%	R645	.036-13470-00.	RES M/F 0805 470E 5%
R272	.036-13560-00.	RES M/F 0805 56K 5%	R649	.036-14470-00.	RES M/F 0805 4K7 5%
R273	.036-15120-00.	RES M/F 0805 12K 5%	R653	.036-15100-00.	RES M/F 0805 10K 5%
R274	.036-15150-00.	RES M/F 0805 15K 5%	R655	.036-10000-00.	RES M/F 0805 ZERO OHM
R275	.036-14270-00.	RES M/F 0805 2K7 5%	R656	.036-10000-00.	RES M/F 0805 ZERO OHM
R277	.036-16100-00.	RES M/F 0805 100K 5%	R657	.036-15100-00.	RES M/F 0805 10K 5%
R278	.036-16120-00.	RES M/F 0805 120K 5%	R661	.036-15100-00.	RES M/F 0805 10K 5%
R279	.036-17100-00.	RES M/F 0805 1M 5%	R665	.036-16100-00.	RES M/F 0805 100K 5%
R280	.036-15100-00.	RES M/F 0805 10K 5%	R669	.036-15470-00.	RES M/F 0805 47K 5%
R282	.036-15560-00.	RES M/F 0805 56K 5%	R673	.036-16100-00.	RES M/F 0805 100K 5%
R283	.036-15560-00.	RES M/F 0805 56K 5%	R677	.036-15470-00.	RES M/F 0805 47K 5%
R284	.036-17100-00.	RES M/F 0805 1M 5%	R681	.036-13100-00.	RES M/F 0805 100E 5%
R285	.036-10000-00.	RES M/F 0805 ZERO OHM	R685	.036-15150-00.	RES M/F 0805 15K 5%
R286	.036-14220-00.	RES M/F 0805 2K2 5%	R689	.036-12100-00.	RES M/F 0805 10E 5%
R287	.036-15100-00.	RES M/F 0805 10K 5%	R693	.036-16100-00.	RES M/F 0805 100K 5%
R288	.036-15120-00.	RES M/F 0805 12K 5%	R696	.036-15560-00.	RES M/F 0805 56K 5%
R289	.036-16100-00.	RES M/F 0805 100K 5%	R701	.036-12220-00.	RES M/F 0805 22E 5%
R290	.036-13560-00.	RES M/F 0805 560E 5%	R702	.036-17100-00.	RES M/F 0805 1M 5%
R291	.036-10000-00.	RES M/F 0805 ZERO OHM	R703	.036-17100-00.	RES M/F 0805 1M 5%

## Item T867-20-0000

Revision/Variant C  
Date created 25/05/98

No Ref	.352-00010-29,	NUT M4 NYLOC HEX
No Ref	.308-01007-01,	HANDLE BASE STATION SERIES II
No Ref	.312-01052-02,	LID TOP T800 SER II PTND
No Ref	.312-01053-02,	LID BOTTOM T800 SER II PNTD
No Ref	.316-06619-00,	PNL FRT EX, NO EX OUT SER II
No Ref	.349-00020-36,	LM)SCREW TT M3X8m PANTORX BLK
No Ref	.X867-20-0000,	DEV)T867-20-0000 MAIN BRD ASSY
No Ref	.349-00020-45,	SCRW T/T M4X20MM P/POZ BZ
No Ref	.410-01082-01,	CRTN 10 T800 KIWI 423X410X360
No Ref	.353-00010-24,	WSHR M4 FLAT ST BZ A4M1957
No Ref	.362-00010-33,	GROMMET LED MTG 3MM
No Ref	.365-00011-53,	LABEL 104*37MM
No Ref	.365-00100-20,	LABEL WHITE S/A 28X11MM
No Ref	.399-00010-51,	BAG PLASTIC 75*100MM
No Ref	.410-01081-01,	CRT T800 SERIES II
No Ref	.349-00020-43,	SCRW T/T M4X12MM P/POZ BZ

## Item X867-20-0000

Revision/Variant D  
Date created 25/05/98

#C269	.015-21150-01,	CAP CER 0805 1P5+-1/4P NPO 50V
#C294	.015-22470-01,	CAP CER 0805 47P 5% NPO 50V
#C295	.022-06470-02,	CAP MYLAR 470N 10% 50V
#C384	.015-22150-01,	CAP CER 0805 15P 5% NPO 50V
#R264	.036-15220-00,	RES M/F 0805 22K 5%
#R265	.036-15150-00,	RES M/F 0805 15K 5%
#R266	.036-15470-00,	RES M/F 0805 47K 5%
#R298	.036-16100-00,	RES M/F 0805 100K 5%
#R386	.036-12470-00,	RES M/F 0805 47E 5%
%C733	.015-23470-08,	CAP CER 0805 470P 10% X7R 50V
%R200	.030-50000-20,	RES AI ZERO OHM 4X1.6
%R203	.030-50000-20,	RES AI ZERO OHM 4X1.6
%R550	.036-14470-00,	RES M/F 0805 4K7 5%
%R715	.036-14100-00,	RES M/F 0805 1K 5%
%R726	.036-13100-00,	RES M/F 0805 100E 5%
=IC700	.539-00010-41,	TCXO 12.8MHZ +2.5PPM -30 +70C
C201	.020-07470-92,	CAP BI-P RA 4M7 50V 6X11 5 LS
C202	.020-07470-92,	CAP BI-P RA 4M7 50V 6X11 5 LS
C204	.020-07470-92,	CAP BI-P RA 4M7 50V 6X11 5 LS
C205	.020-07470-92,	CAP BI-P RA 4M7 50V 6X11 5 LS
C207	.014-07470-00,	CAP TANT CHIP 4U7 3.5 X 2.8MM
C209	.015-25470-08,	CAP CER 0805 47N 10% X7R 50V
C210	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V
C211	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V
C213	.014-08100-00,	CAP TANT CHIP 10M 16VW +20%
C215	.014-08220-01,	(L)CAP TANT 22UF10V276MSER
C217	.015-24220-08,	CAP CER 0805 2N2 10% X7R 50V
C219	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V
C221	.014-08220-01,	(L)CAP TANT 22UF10V276MSER
C223	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V
C225	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V
C227	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V
C229	.015-23150-01,	CAP CER 0805 150P 5% NPO 50V
C230	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V
C232	.015-23150-01,	CAP CER 0805 150P 5% NPO 50V
C233	.016-08470-01,	CAP EL SMD 6*4 47U 16V
C235	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V
C237	.014-07100-02,	CAP TANT CHIP 1U0 3.2 X 1.6MM
C239	.020-07470-92,	CAP BI-P RA 4M7 50V 6X11 5 LS
C241	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V
C242	.014-08100-00,	CAP TANT CHIP 10M 16VW +20%
C243	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V
C245	.015-23150-01,	CAP CER 0805 150P 5% NPO 50V
C247	.015-23150-01,	CAP CER 0805 150P 5% NPO 50V
C249	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V
C251	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V
C253	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V
C255	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V
C257	.015-22470-01,	CAP CER 0805 47P 5% NPO 50V
C259	.015-25470-08,	CAP CER 0805 47N 10% X7R 50V
C260	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V
C261	.014-07470-00,	CAP TANT CHIP 4U7 3.5 X 2.8MM
C263	.020-09100-04,	CAP ELE RA 100M 10V 6.3X9MM
C265	.020-07470-92,	CAP BI-P RA 4M7 50V 6X11 5 LS
C267	.015-24470-08,	CAP CER 0805 4N7 10% X7R 50V
C271	.015-22470-01,	CAP CER 0805 47P 5% NPO 50V
C273	.015-25470-08,	CAP CER 0805 47N 10% X7R 50V
C275	.015-23120-01,	CAP CER 0805 120P 5% NPO 50V
C277	.015-25100-08,	CAP CER 0805 10N 10% X7R 50V
C279	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V
C281	.015-25220-08,	CAP CER 0805 22N 10% X7R 50V
C283	.015-21470-01,	CAP CER 0805 4P7+-1/4P NPO 50V
C285	.015-21470-01,	CAP CER 0805 4P7+-1/4P NPO 50V
C287	.020-09100-04,	CAP ELE RA 100M 10V 6.3X9MM
C289	.015-25470-08,	CAP CER 0805 47N 10% X7R 50V
C291	.014-08220-01,	(L)CAP TANT 22UF10V276MSER
C293	.015-27100-10,	CAP CER 0805 1M+80-20% Y5V 16V
C304	.015-24470-08,	CAP CER 0805 4N7 10% X7R 50V
C308	.015-25100-08,	CAP CER 0805 10N 10% X7R 50V
C309	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V
C312	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V
C316	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V
C317	.015-23100-01,	CAP CER 0805 100P 5% NPO 50V
C318	.015-23100-01,	CAP CER 0805 100P 5% NPO 50V
C320	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V
C324	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V
C330A	.015-25100-08,	CAP CER 0805 10N 10% X7R 50V
C330B	.016-08100-01,	CAP EL 6X4 10M 20% 16V
C332	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V
C334	.015-25100-08,	CAP CER 0805 10N 10% X7R 50V
C336	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V
C338	.015-25150-08,	CAP CER 0805 15N 10% X7R 50V
C340	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V
C342	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V
C344	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V
C346	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V
C349	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V
C350	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V
C353	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V
C356	.015-22560-01,	CAP CER 0805 56P 5% NPO 50V
C359	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V
C362	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V
C365	.015-22180-01,	CAP CER 0805 18P 5% NPO 50V
C368	.015-22390-01,	CAP CER 0805 39P 5% NPO 50V

Q530	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF	R292	.036-14470-00.	RES M/F 0805 4K7 5%
Q540	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF	R293	.036-15470-00.	RES M/F 0805 47K 5%
Q550	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R294	.036-14470-00.	RES M/F 0805 4K7 5%
Q610	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF	R295	.036-14270-00.	RES M/F 0805 2K7 5%
Q620	.000-00012-15.	S) XSTR BD234 PNP AF PWR TO126	R296	.036-14100-00.	RES M/F 0805 1K 5%
Q630	.000-50011-30.	S) XSTR AI BC557B PNP TO92 AF	R297	.036-14560-00.	RES M/F 0805 5K6 5%
Q660	.000-10008-17.	S) XSTR SMD BC817-25 NPN SOT23	R299	.036-14270-00.	RES M/F 0805 2K7 5%
Q670	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R302	.036-15220-00.	RES M/F 0805 22K 5%
Q710	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R304	.036-14270-00.	RES M/F 0805 2K7 5%
Q720	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R306	.036-15100-00.	RES M/F 0805 10K 5%
Q730	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R308	.036-16100-00.	RES M/F 0805 100K 5%
Q740	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R310	.036-15220-00.	RES M/F 0805 22K 5%
Q750	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF	R312	.036-14150-00.	RES M/F 0805 1K5 5%
Q760	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R314	.036-13150-00.	RES M/F 0805 150E 5%
Q770	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R316	.036-15100-00.	RES M/F 0805 10K 5%
Q775	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R318	.036-14220-00.	RES M/F 0805 2K2 5%
Q780	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R320	.036-14100-00.	RES M/F 0805 1K 5%
Q785	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R322	.036-12220-00.	RES M/F 0805 22E 5%
Q790	.000-10003-12.	S) XSTR SMD BFR31 N JFET SOT23	R324	.036-13470-00.	RES M/F 0805 470E 5%
Q795	.000-10057-10.	S) XSTR SMD BR571 NPN SOT23	R326	.036-13470-00.	RES M/F 0805 470E 5%
Q810	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R328	.036-13470-00.	RES M/F 0805 470E 5%
Q820	.000-10008-17.	S) XSTR SMD BC817-25 NPN SOT23	R330	.036-12220-00.	RES M/F 0805 22E 5%
Q830	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R332	.036-15470-00.	RES M/F 0805 47K 5%
Q840	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R334	.036-15100-00.	RES M/F 0805 10K 5%
Q850	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R336	.036-14100-00.	RES M/F 0805 1K 5%
Q860	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R338	.036-14100-00.	RES M/F 0805 1K 5%
R160	.036-12100-00.	RES M/F 0805 10E 5%	R340	.036-16100-00.	RES M/F 0805 100K 5%
R201	.036-13560-00.	RES M/F 0805 560E 5%	R342	.036-15150-00.	RES M/F 0805 15K 5%
R202	.036-14100-00.	RES M/F 0805 1K 5%	R344	.036-15470-00.	RES M/F 0805 47K 5%
R204	.036-14220-00.	RES M/F 0805 2K2 5%	R345	.036-12220-00.	RES M/F 0805 22E 5%
R205	.036-13220-00.	RES M/F 0805 220E 5%	R346	.036-16120-00.	RES M/F 0805 120K 5%
R206	.036-14100-00.	RES M/F 0805 1K 5%	R348	.036-14470-00.	RES M/F 0805 4K7 5%
R207	.036-14390-00.	RES M/F 0805 3K9 5%	R350	.036-14100-00.	RES M/F 0805 1K 5%
R208	.036-13560-00.	RES M/F 0805 560E 5%	R352	.036-15150-00.	RES M/F 0805 15K 5%
R209	.036-15100-00.	RES M/F 0805 10K 5%	R354	.036-15150-00.	RES M/F 0805 15K 5%
R210	.036-14220-00.	RES M/F 0805 2K2 5%	R356	.036-14100-00.	RES M/F 0805 1K 5%
R212	.036-16100-00.	RES M/F 0805 100K 5%	R359	.036-13100-00.	RES M/F 0805 100E 5%
R213	.036-15100-00.	RES M/F 0805 10K 5%	R360	.036-12680-00.	RES M/F 0805 68E 5%
R214	.036-14820-00.	RES M/F 0805 8K2 5%	R362	.036-13100-00.	RES M/F 0805 100E 5%
R215	.036-16100-00.	RES M/F 0805 100K 5%	R364	.036-14150-00.	RES M/F 0805 1K5 5%
R216	.036-16100-00.	RES M/F 0805 100K 5%	R366	.036-12470-00.	RES M/F 0805 47E 5%
R217	.036-14100-00.	RES M/F 0805 1K 5%	R368	.036-15100-00.	RES M/F 0805 10K 5%
R218	.036-16150-00.	RES M/F 0805 150K 5%	R370	.036-13560-00.	RES M/F 0805 560E 5%
R219	.036-14220-00.	RES M/F 0805 2K2 5%	R372	.036-14150-00.	RES M/F 0805 1K5 5%
R221	.036-14150-00.	RES M/F 0805 1K5 5%	R374	.036-13330-00.	RES M/F 0805 1K5 5%
R223	.036-17100-00.	RES M/F 0805 1M 5%	R376	.036-14150-00.	RES M/F 0805 1K5 5%
R224	.036-14680-00.	RES M/F 0805 6K8 5%	R377	.036-14120-00.	RES M/F 0805 1K2 5%
R225	.036-17100-00.	RES M/F 0805 1M 5%	R378	.036-14120-00.	RES M/F 0805 1K2 5%
R226	.036-15100-00.	RES M/F 0805 10K 5%	R380	.030-53150-20.	RES FILM AI 150E 5% 0.4W 4X1.6
R227	.036-14220-00.	RES M/F 0805 2K2 5%	R382	.030-53150-20.	RES FILM AI 150E 5% 0.4W 4X1.6
R229	.036-16470-00.	RES M/F 0805 470K 5%	R384	.036-11330-00.	RES M/F 0805 3E3 5%
R230	.036-16100-00.	RES M/F 0805 100K 5%	R387	.036-14180-00.	RES M/F 0805 1K8 5%
R231	.036-15100-00.	RES M/F 0805 10K 5%	R388	.036-14180-00.	RES M/F 0805 1K8 5%
R232	.036-16330-00.	RES M/F 0805 330K 5%	R389	.036-14180-00.	RES M/F 0805 1K8 5%
R233	.036-16100-00.	RES M/F 0805 100K 5%	R390	.036-11330-00.	RES M/F 0805 3E3 5%
R235	.036-14470-00.	RES M/F 0805 4K7 5%	R392	.036-14180-00.	RES M/F 0805 1K8 5%
R237	.036-15470-00.	RES M/F 0805 47K 5%	R394	.036-12220-00.	RES M/F 0805 22E 5%
R238	.036-15470-00.	RES M/F 0805 47K 5%	R396	.036-14180-00.	RES M/F 0805 1K8 5%
R239	.036-14150-00.	RES M/F 0805 1K5 5%	R502	.036-13330-00.	RES M/F 0805 330E 5%
R241	.036-14470-00.	RES M/F 0805 4K7 5%	R505	.036-15150-00.	RES M/F 0805 15K 5%
R242	.036-14220-00.	RES M/F 0805 2K2 5%	R510	.036-13680-00.	RES M/F 0805 680E 5%
R244	.036-15100-00.	RES M/F 0805 10K 5%	R515	.036-12560-00.	RES M/F 0805 56E 5%
R245	.036-16100-00.	RES M/F 0805 100K 5%	R520	.036-16120-00.	RES M/F 0805 120K 5%
R247	.036-15100-00.	RES M/F 0805 10K 5%	R525	.036-15470-00.	RES M/F 0805 47K 5%
R248	.036-16100-00.	RES M/F 0805 100K 5%	R530	.036-15220-00.	RES M/F 0805 22K 5%
R249	.036-16100-00.	RES M/F 0805 100K 5%	R535	.036-15100-00.	RES M/F 0805 10K 5%
R251	.036-16100-00.	RES M/F 0805 100K 5%	R540	.036-14220-00.	RES M/F 0805 2K2 5%
R253	.036-16100-00.	RES M/F 0805 100K 5%	R545	.036-14470-00.	RES M/F 0805 4K7 5%
R254	.036-16100-00.	RES M/F 0805 100K 5%	R555	.036-14470-00.	RES M/F 0805 4K7 5%
R255	.036-15100-00.	RES M/F 0805 10K 5%	R560	.036-13470-00.	RES M/F 0805 470E 5%
R256	.036-15470-00.	RES M/F 0805 47K 5%	R609	.036-14100-00.	RES M/F 0805 1K 5%
R257	.036-16330-00.	RES M/F 0805 330K 5%	R613	.036-13560-00.	RES M/F 0805 560E 5%
R258	.036-16150-00.	RES M/F 0805 150K 5%	R615	.036-13100-00.	RES M/F 0805 100E 5%
R259	.036-15220-00.	RES M/F 0805 22K 5%	R617	.036-10000-00.	RES M/F 0805 ZERO OHM
R260	.036-15470-00.	RES M/F 0805 47K 5%	R619	.036-01100-10.	RES 1 OHM 1 WATT 2512 CHIP
R262	.036-15470-00.	RES M/F 0805 47K 5%	R621	.036-01100-10.	RES 1 OHM 1 WATT 2512 CHIP
R263	.036-14470-00.	RES M/F 0805 4K7 5%	R625	.036-14100-00.	RES M/F 0805 1K 5%
R267	.036-14220-00.	RES M/F 0805 2K2 5%	R629	.036-03270-10.	RES 270 OHM 1 WATT 2512 CHIP
R268	.036-13100-00.	RES M/F 0805 100E 5%	R633	.036-14680-00.	RES M/F 0805 6K8 5%
R269	.036-15100-00.	RES M/F 0805 10K 5%	R637	.036-12220-00.	RES M/F 0805 22E 5%
R270	.036-14120-00.	RES M/F 0805 1K2 5%	R641	.036-14150-00.	RES M/F 0805 1K5 5%
R271	.036-16390-00.	RES M/F 0805 390K 5%	R645	.036-13470-00.	RES M/F 0805 470E 5%
R272	.036-13560-00.	RES M/F 0805 560E 5%	R649	.036-14470-00.	RES M/F 0805 4K7 5%
R273	.036-15120-00.	RES M/F 0805 12K 5%	R653	.036-15100-00.	RES M/F 0805 10K 5%
R274	.036-15150-00.	RES M/F 0805 15K 5%	R655	.036-10000-00.	RES M/F 0805 ZERO OHM
R275	.036-14270-00.	RES M/F 0805 2K7 5%	R656	.036-10000-00.	RES M/F 0805 ZERO OHM
R277	.036-16100-00.	RES M/F 0805 100K 5%	R657	.036-15100-00.	RES M/F 0805 10K 5%
R278	.036-16120-00.	RES M/F 0805 120K 5%	R661	.036-15100-00.	RES M/F 0805 10K 5%
R279	.036-17100-00.	RES M/F 0805 1M 5%	R665	.036-16100-00.	RES M/F 0805 100K 5%
R280	.036-15100-00.	RES M/F 0805 10K 5%	R669	.036-15470-00.	RES M/F 0805 47K 5%
R282	.036-15560-00.	RES M/F 0805 56K 5%	R673	.036-16100-00.	RES M/F 0805 100K 5%
R283	.036-15560-00.	RES M/F 0805 56K 5%	R677	.036-15470-00.	RES M/F 0805 47K 5%
R284	.036-17100-00.	RES M/F 0805 1M 5%	R681	.036-13100-00.	RES M/F 0805 100E 5%
R285	.036-10000-00.	RES M/F 0805 ZERO OHM	R685	.036-15150-00.	RES M/F 0805 15K 5%
R286	.036-14220-00.	RES M/F 0805 2K2 5%	R689	.036-12100-00.	RES M/F 0805 10E 5%
R287	.036-15100-00.	RES M/F 0805 10K 5%	R693	.036-16100-00.	RES M/F 0805 100K 5%
R288	.036-15120-00.	RES M/F 0805 12K 5%	R696	.036-15560-00.	RES M/F 0805 56K 5%
R289	.036-16100-00.	RES M/F 0805 100K 5%	R701	.036-12220-00.	RES M/F 0805 22E 5%
R290	.036-13560-00.	RES M/F 0805 560E 5%	R702	.036-17100-00.	RES M/F 0805 1M 5%
R291	.036-10000-00.	RES M/F 0805 ZERO OHM	R703	.036-17100-00.	RES M/F 0805 1M 5%

## Item T867-25-0000

Revision/Variant C  
Date created 25/05/98

No Ref	,352-00010-29,	NUT M4 NYLOC HEX
No Ref	,308-01007-01,	HANDLE BASE STATION SERIES II
No Ref	,312-01052-02,	LID TOP T800 SER II PTND
No Ref	,312-01053-02,	LID BOTTOM T800 SER II PTND
No Ref	,316-06619-00,	PNL FRT EX, NO EX OUT SER II
No Ref	,349-00020-36,	LIM)SCREW TT M3X8m PANTORX BLK
No Ref	,X867-25-0000,	DEV)T867-25-0000 MAIN BRD ASSY
No Ref	,349-00020-45,	SCRW T/T M4X20MM P/POZ BZ
No Ref	,410-01082-01,	CRTN 10 T800 KIWI 423X410X360
No Ref	,353-00010-24,	WSHR M4 FLAT ST BZ A4M1957
No Ref	,362-00010-33,	GROMMET LED MTG 3MM
No Ref	,365-00011-53,	LABEL 104*37MM
No Ref	,365-00100-20,	LABEL WHITE S/A 28X11MM
No Ref	,399-00010-51,	BAG PLASTIC 75*100MM
No Ref	,410-01081-01,	CRT T800 SERIES II
No Ref	,349-00020-43,	SCRW T/T M4X12MM P/POZ BZ

## Item X867-25-0000

Revision/Variant C  
Date created 25/05/98

#C269	,015-21470-01,	CAP CER 0805 4P7+-1/4P NPO 50V
#C294	,015-22470-01,	CAP CER 0805 47P 5% NPO 50V
#C295	,022-06470-02,	CAP MYLAR 470N 10% 50V
#C384	,015-22150-01,	CAP CER 0805 15P 5% NPO 50V
#R264	,036-15270-00,	RES M/F 0805 27K 5%
#R265	,036-15180-00,	RES M/F 0805 18K 5%
#R266	,036-15560-00,	RES M/F 0805 56K 5%
#R298	,036-16100-00,	RES M/F 0805 100K 5%
#R386	,036-12470-00,	RES M/F 0805 47E 5%
%C733	,015-23470-08,	CAP CER 0805 470P 10% X7R 50V
%R200	,030-50000-20,	RES AI ZERO OHM 4X1.6
%R203	,030-50000-20,	RES AI ZERO OHM 4X1.6
%R550	,036-14470-00,	RES M/F 0805 4K7 5%
%R715	,036-14100-00,	RES M/F 0805 1K 5%
%R726	,036-13100-00,	RES M/F 0805 100E 5%
=IC700	,539-00010-41,	TCXO 12.8MHZ +-2.5PPM -30 +70C
C201	,020-07470-92,	CAP BI-P RA 4M7 50V 6X11 5 LS
C202	,020-07470-92,	CAP BI-P RA 4M7 50V 6X11 5 LS
C204	,020-07470-92,	CAP BI-P RA 4M7 50V 6X11 5 LS
C205	,020-07470-92,	CAP BI-P RA 4M7 50V 6X11 5 LS
C207	,014-07470-00,	CAP TANT CHIP 4U7 3.5 X 2.8MM
C209	,015-25470-08,	CAP CER 0805 47N 10% X7R 50V
C210	,015-06100-08,	CAP CER 1206 100N 10% X7R 50V
C211	,015-06100-08,	CAP CER 1206 100N 10% X7R 50V
C213	,014-08100-00,	CAP TANT CHIP 10M 16VW +-20%
C215	,014-08220-01,	(L)CAP TANT 22UF10V276MSER
C217	,015-24220-08,	CAP CER 0805 2N2 10% X7R 50V
C219	,015-24100-08,	CAP CER 0805 1N 10% X7R 50V
C221	,014-08220-01,	(L)CAP TANT 22UF10V276MSER
C223	,015-06100-08,	CAP CER 1206 100N 10% X7R 50V
C225	,015-06100-08,	CAP CER 1206 100N 10% X7R 50V
C227	,015-06100-08,	CAP CER 1206 100N 10% X7R 50V
C229	,015-23150-01,	CAP CER 0805 150P 5% NPO 50V
C230	,015-06100-08,	CAP CER 1206 100N 10% X7R 50V
C232	,015-23150-01,	CAP CER 0805 150P 5% NPO 50V
C233	,016-08470-01,	CAP EL SMD 6*4 47U 16V
C235	,015-24100-08,	CAP CER 0805 1N 10% X7R 50V
C237	,014-07100-02,	CAP TANT CHIP 1U0 3.2 X 1.6MM
C239	,020-07470-92,	CAP BI-P RA 4M7 50V 6X11 5 LS
C241	,015-06100-08,	CAP CER 1206 100N 10% X7R 50V
C242	,014-08100-00,	CAP TANT CHIP 10M 16VW +-20%
C243	,015-24100-08,	CAP CER 0805 1N 10% X7R 50V
C245	,015-23150-01,	CAP CER 0805 150P 5% NPO 50V
C247	,015-23150-01,	CAP CER 0805 150P 5% NPO 50V
C249	,015-24100-08,	CAP CER 0805 1N 10% X7R 50V
C251	,015-24100-08,	CAP CER 0805 1N 10% X7R 50V
C253	,015-24100-08,	CAP CER 0805 1N 10% X7R 50V
C255	,015-24100-08,	CAP CER 0805 1N 10% X7R 50V
C257	,015-22470-01,	CAP CER 0805 47P 5% NPO 50V
C259	,015-25470-08,	CAP CER 0805 47N 10% X7R 50V
C260	,015-06100-08,	CAP CER 1206 100N 10% X7R 50V
C261	,014-07470-00,	CAP TANT CHIP 4U7 3.5 X 2.8MM
C263	,020-09100-04,	CAP ELE RA 100M 10V 6.3X9MM
C265	,020-07470-92,	CAP BI-P RA 4M7 50V 6X11 5 LS
C267	,015-24470-08,	CAP CER 0805 4N7 10% X7R 50V
C271	,015-22470-01,	CAP CER 0805 47P 5% NPO 50V
C273	,015-25470-08,	CAP CER 0805 47N 10% X7R 50V
C275	,015-23120-01,	CAP CER 0805 120P 5% NPO 50V
C277	,015-25100-08,	CAP CER 0805 10N 10% X7R 50V
C279	,015-24100-08,	CAP CER 0805 1N 10% X7R 50V
C281	,015-25220-08,	CAP CER 0805 22N 10% X7R 50V
C283	,015-21470-01,	CAP CER 0805 4P7+-1/4P NPO 50V
C285	,015-21470-01,	CAP CER 0805 4P7+-1/4P NPO 50V
C287	,020-09100-04,	CAP ELE RA 100M 10V 6.3X9MM
C289	,015-25470-08,	CAP CER 0805 47N 10% X7R 50V
C291	,014-08220-01,	(L)CAP TANT 22UF10V276MSER
C293	,015-27100-10,	CAP CER 0805 1M+80-20% Y5V 16V
C304	,015-24470-08,	CAP CER 0805 4N7 10% X7R 50V
C308	,015-25100-08,	CAP CER 0805 10N 10% X7R 50V
C309	,015-23680-08,	CAP CER 0805 680P 10% X7R 50V
C312	,015-23680-08,	CAP CER 0805 680P 10% X7R 50V
C316	,015-23680-08,	CAP CER 0805 680P 10% X7R 50V
C317	,015-23100-01,	CAP CER 0805 100P 5% NPO 50V
C318	,015-23100-01,	CAP CER 0805 100P 5% NPO 50V
C320	,015-23680-08,	CAP CER 0805 680P 10% X7R 50V
C324	,015-23680-08,	CAP CER 0805 680P 10% X7R 50V
C330A	,015-25100-08,	CAP CER 0805 10N 10% X7R 50V
C330B	,016-08100-01,	CAP EL 6X4 10M 20% 16V
C332	,015-23680-08,	CAP CER 0805 680P 10% X7R 50V
C334	,015-25100-08,	CAP CER 0805 10N 10% X7R 50V
C336	,015-23680-08,	CAP CER 0805 680P 10% X7R 50V
C338	,015-25150-08,	CAP CER 0805 15N 10% X7R 50V
C340	,015-24100-08,	CAP CER 0805 1N 10% X7R 50V
C342	,015-06100-08,	CAP CER 1206 100N 10% X7R 50V
C344	,015-24100-08,	CAP CER 0805 1N 10% X7R 50V
C346	,015-24100-08,	CAP CER 0805 1N 10% X7R 50V
C349	,015-23680-08,	CAP CER 0805 680P 10% X7R 50V
C350	,015-23680-08,	CAP CER 0805 680P 10% X7R 50V
C353	,015-23680-08,	CAP CER 0805 680P 10% X7R 50V
C356	,015-22560-01,	CAP CER 0805 56P 5% NPO 50V
C359	,015-23680-08,	CAP CER 0805 680P 10% X7R 50V
C362	,015-23680-08,	CAP CER 0805 680P 10% X7R 50V
C365	,015-22180-01,	CAP CER 0805 18P 5% NPO 50V
C368	,015-22390-01,	CAP CER 0805 39P 5% NPO 50V



Q530	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF	R292	.036-14470-00.	RES M/F 0805 4K7 5%
Q540	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF	R293	.036-15470-00.	RES M/F 0805 47K 5%
Q550	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R294	.036-14470-00.	RES M/F 0805 4K7 5%
Q610	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF	R295	.036-14270-00.	RES M/F 0805 2K7 5%
Q620	.000-00012-15.	S) XSTR BD234 PNP AF PWR TO126	R296	.036-14100-00.	RES M/F 0805 1K 5%
Q630	.000-50011-30.	S) XSTR AI BC557B PNP TO92 AF	R297	.036-14560-00.	RES M/F 0805 5K6 5%
Q660	.000-10008-17.	S) XSTR SMD BC817-25 NPN SOT23	R299	.036-14270-00.	RES M/F 0805 2K7 5%
Q670	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R302	.036-15220-00.	RES M/F 0805 22K 5%
Q710	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R304	.036-14270-00.	RES M/F 0805 2K7 5%
Q720	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R306	.036-15100-00.	RES M/F 0805 10K 5%
Q730	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R308	.036-16100-00.	RES M/F 0805 100K 5%
Q740	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R310	.036-15220-00.	RES M/F 0805 22K 5%
Q750	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF	R312	.036-14150-00.	RES M/F 0805 1K5 5%
Q760	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R314	.036-13150-00.	RES M/F 0805 150E 5%
Q770	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R316	.036-15100-00.	RES M/F 0805 10K 5%
Q775	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R318	.036-14220-00.	RES M/F 0805 2K2 5%
Q780	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R320	.036-14100-00.	RES M/F 0805 1K 5%
Q785	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R322	.036-12220-00.	RES M/F 0805 22E 5%
Q790	.000-10003-12.	S) XSTR SMD BFR31 N JFET SOT23	R324	.036-13470-00.	RES M/F 0805 470E 5%
Q795	.000-10057-10.	S) XSTR SMD BR571 NPN SOT23	R326	.036-13470-00.	RES M/F 0805 470E 5%
Q810	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R328	.036-13470-00.	RES M/F 0805 470E 5%
Q820	.000-10008-17.	S) XSTR SMD BC817-25 NPN SOT23	R330	.036-12220-00.	RES M/F 0805 22E 5%
Q830	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R332	.036-15470-00.	RES M/F 0805 47K 5%
Q840	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R334	.036-15100-00.	RES M/F 0805 10K 5%
Q850	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R336	.036-14100-00.	RES M/F 0805 1K 5%
Q860	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R338	.036-14100-00.	RES M/F 0805 1K 5%
R160	.036-12100-00.	RES M/F 0805 10E 5%	R340	.036-16100-00.	RES M/F 0805 100K 5%
R201	.036-13560-00.	RES M/F 0805 560E 5%	R342	.036-15150-00.	RES M/F 0805 15K 5%
R202	.036-14100-00.	RES M/F 0805 1K 5%	R344	.036-15470-00.	RES M/F 0805 47K 5%
R204	.036-14220-00.	RES M/F 0805 2K2 5%	R345	.036-12220-00.	RES M/F 0805 22E 5%
R205	.036-13220-00.	RES M/F 0805 220E 5%	R346	.036-16120-00.	RES M/F 0805 120K 5%
R206	.036-14100-00.	RES M/F 0805 1K 5%	R348	.036-14470-00.	RES M/F 0805 4K7 5%
R207	.036-14390-00.	RES M/F 0805 3K9 5%	R350	.036-14100-00.	RES M/F 0805 1K 5%
R208	.036-13560-00.	RES M/F 0805 560E 5%	R352	.036-15150-00.	RES M/F 0805 15K 5%
R209	.036-15100-00.	RES M/F 0805 10K 5%	R354	.036-15150-00.	RES M/F 0805 15K 5%
R210	.036-14220-00.	RES M/F 0805 2K2 5%	R356	.036-14100-00.	RES M/F 0805 1K 5%
R212	.036-16100-00.	RES M/F 0805 100K 5%	R359	.036-13100-00.	RES M/F 0805 100E 5%
R213	.036-15100-00.	RES M/F 0805 10K 5%	R360	.036-12680-00.	RES M/F 0805 68E 5%
R214	.036-14820-00.	RES M/F 0805 8K2 5%	R362	.036-13100-00.	RES M/F 0805 100E 5%
R215	.036-16100-00.	RES M/F 0805 100K 5%	R364	.036-14150-00.	RES M/F 0805 1K5 5%
R216	.036-16100-00.	RES M/F 0805 100K 5%	R366	.036-12470-00.	RES M/F 0805 47E 5%
R217	.036-14100-00.	RES M/F 0805 1K 5%	R368	.036-15100-00.	RES M/F 0805 10K 5%
R218	.036-16150-00.	RES M/F 0805 150K 5%	R370	.036-13560-00.	RES M/F 0805 560E 5%
R219	.036-14220-00.	RES M/F 0805 2K2 5%	R372	.036-14150-00.	RES M/F 0805 1K5 5%
R221	.036-14150-00.	RES M/F 0805 1K5 5%	R374	.036-13330-00.	RES M/F 0805 330E 5%
R223	.036-17100-00.	RES M/F 0805 1M 5%	R376	.036-14150-00.	RES M/F 0805 1K5 5%
R224	.036-14680-00.	RES M/F 0805 6K8 5%	R377	.036-14120-00.	RES M/F 0805 1K2 5%
R225	.036-17100-00.	RES M/F 0805 1M 5%	R378	.036-14120-00.	RES M/F 0805 1K2 5%
R226	.036-15100-00.	RES M/F 0805 10K 5%	R380	.030-53150-20.	RES FILM AI 150E 5% 0.4W 4X1.6
R227	.036-14220-00.	RES M/F 0805 2K2 5%	R382	.030-53150-20.	RES FILM AI 150E 5% 0.4W 4X1.6
R229	.036-16470-00.	RES M/F 0805 470K 5%	R384	.036-11330-00.	RES M/F 0805 3E3 5%
R230	.036-16100-00.	RES M/F 0805 100K 5%	R387	.036-14180-00.	RES M/F 0805 1K8 5%
R231	.036-15100-00.	RES M/F 0805 10K 5%	R388	.036-14180-00.	RES M/F 0805 1K8 5%
R232	.036-16330-00.	RES M/F 0805 330K 5%	R389	.036-14180-00.	RES M/F 0805 1K8 5%
R233	.036-16100-00.	RES M/F 0805 100K 5%	R390	.036-11330-00.	RES M/F 0805 3E3 5%
R235	.036-14470-00.	RES M/F 0805 4K7 5%	R392	.036-14180-00.	RES M/F 0805 1K8 5%
R237	.036-15470-00.	RES M/F 0805 47K 5%	R394	.036-12220-00.	RES M/F 0805 22E 5%
R238	.036-15470-00.	RES M/F 0805 47K 5%	R396	.036-14180-00.	RES M/F 0805 1K8 5%
R239	.036-14150-00.	RES M/F 0805 1K5 5%	R502	.036-13330-00.	RES M/F 0805 330E 5%
R241	.036-14470-00.	RES M/F 0805 4K7 5%	R505	.036-15150-00.	RES M/F 0805 15K 5%
R242	.036-14220-00.	RES M/F 0805 2K2 5%	R510	.036-13680-00.	RES M/F 0805 680E 5%
R244	.036-15100-00.	RES M/F 0805 10K 5%	R515	.036-12560-00.	RES M/F 0805 56E 5%
R245	.036-16100-00.	RES M/F 0805 100K 5%	R520	.036-16120-00.	RES M/F 0805 120K 5%
R247	.036-15100-00.	RES M/F 0805 10K 5%	R525	.036-15470-00.	RES M/F 0805 47K 5%
R248	.036-16100-00.	RES M/F 0805 100K 5%	R530	.036-15220-00.	RES M/F 0805 22K 5%
R249	.036-16100-00.	RES M/F 0805 100K 5%	R535	.036-15100-00.	RES M/F 0805 10K 5%
R251	.036-16100-00.	RES M/F 0805 100K 5%	R540	.036-14220-00.	RES M/F 0805 2K2 5%
R253	.036-16100-00.	RES M/F 0805 100K 5%	R545	.036-14470-00.	RES M/F 0805 4K7 5%
R254	.036-16100-00.	RES M/F 0805 100K 5%	R555	.036-14470-00.	RES M/F 0805 4K7 5%
R255	.036-15100-00.	RES M/F 0805 10K 5%	R560	.036-13470-00.	RES M/F 0805 470E 5%
R256	.036-15470-00.	RES M/F 0805 47K 5%	R609	.036-14100-00.	RES M/F 0805 1K 5%
R257	.036-16330-00.	RES M/F 0805 330K 5%	R613	.036-13560-00.	RES M/F 0805 560E 5%
R258	.036-16150-00.	RES M/F 0805 150K 5%	R615	.036-13100-00.	RES M/F 0805 100E 5%
R259	.036-15220-00.	RES M/F 0805 22K 5%	R617	.036-10000-00.	RES M/F 0805 ZERO OHM
R260	.036-15470-00.	RES M/F 0805 47K 5%	R619	.036-01100-10.	RES 1 OHM 1 WATT 2512 CHIP
R262	.036-15470-00.	RES M/F 0805 47K 5%	R621	.036-01100-10.	RES 1 OHM 1 WATT 2512 CHIP
R263	.036-14470-00.	RES M/F 0805 4K7 5%	R625	.036-14100-00.	RES M/F 0805 1K 5%
R267	.036-14220-00.	RES M/F 0805 2K2 5%	R629	.036-03270-10.	RES 270 OHM 1 WATT 2512 CHIP
R268	.036-13100-00.	RES M/F 0805 100E 5%	R633	.036-14680-00.	RES M/F 0805 6K8 5%
R269	.036-15100-00.	RES M/F 0805 10K 5%	R637	.036-12220-00.	RES M/F 0805 22E 5%
R270	.036-14120-00.	RES M/F 0805 1K2 5%	R641	.036-14150-00.	RES M/F 0805 1K5 5%
R271	.036-16390-00.	RES M/F 0805 390K 5%	R645	.036-13470-00.	RES M/F 0805 470E 5%
R272	.036-13560-00.	RES M/F 0805 560E 5%	R649	.036-14470-00.	RES M/F 0805 4K7 5%
R273	.036-15120-00.	RES M/F 0805 12K 5%	R653	.036-15100-00.	RES M/F 0805 10K 5%
R274	.036-15150-00.	RES M/F 0805 15K 5%	R655	.036-10000-00.	RES M/F 0805 ZERO OHM
R275	.036-14270-00.	RES M/F 0805 2K7 5%	R656	.036-10000-00.	RES M/F 0805 ZERO OHM
R277	.036-16100-00.	RES M/F 0805 100K 5%	R657	.036-15100-00.	RES M/F 0805 10K 5%
R278	.036-16120-00.	RES M/F 0805 120K 5%	R661	.036-15100-00.	RES M/F 0805 10K 5%
R279	.036-17100-00.	RES M/F 0805 1M 5%	R665	.036-16100-00.	RES M/F 0805 100K 5%
R280	.036-15100-00.	RES M/F 0805 10K 5%	R669	.036-15470-00.	RES M/F 0805 47K 5%
R282	.036-15560-00.	RES M/F 0805 56K 5%	R673	.036-16100-00.	RES M/F 0805 100K 5%
R283	.036-15560-00.	RES M/F 0805 56K 5%	R677	.036-15470-00.	RES M/F 0805 47K 5%
R284	.036-17100-00.	RES M/F 0805 1M 5%	R681	.036-13100-00.	RES M/F 0805 100E 5%
R285	.036-10000-00.	RES M/F 0805 ZERO OHM	R685	.036-15150-00.	RES M/F 0805 15K 5%
R286	.036-14220-00.	RES M/F 0805 2K2 5%	R689	.036-12100-00.	RES M/F 0805 10E 5%
R287	.036-15100-00.	RES M/F 0805 10K 5%	R693	.036-16100-00.	RES M/F 0805 100K 5%
R288	.036-15120-00.	RES M/F 0805 12K 5%	R696	.036-15560-00.	RES M/F 0805 56K 5%
R289	.036-16100-00.	RES M/F 0805 100K 5%	R701	.036-12220-00.	RES M/F 0805 22E 5%
R290	.036-13560-00.	RES M/F 0805 560E 5%	R702	.036-17100-00.	RES M/F 0805 1M 5%
R291	.036-10000-00.	RES M/F 0805 ZERO OHM	R703	.036-17100-00.	RES M/F 0805 1M 5%

## Item T867-30-0000

Revision/Variant C  
Date created 25/05/98

No Ref	,352-00010-29.	NUT M4 NYLOC HEX
No Ref	,308-01007-01.	HANDLE BASE STATION SERIES II
No Ref	,312-01052-02.	LID TOP T800 SER II PTND
No Ref	,312-01053-02.	LID BOTTOM T800 SER II PNTD
No Ref	,316-06619-00.	PNL FRT EX, NO EX OUT SER II
No Ref	,349-00020-36.	LIM)SCREW TT M3X8m PANTORX BLK
No Ref	,X867-30-0000.	DEV)T867-30-0000 MAIN BRD ASSY
No Ref	,349-00020-45.	SCRW T/T M4X20MM P/POZ BZ
No Ref	,410-01082-01.	CRTN 10 T800 KIWI 423X410X360
No Ref	,353-00010-24.	WSHR M4 FLAT ST BZ A4M1957
No Ref	,362-00010-33.	GROMMET LED MTG 3MM
No Ref	,365-00011-53.	LABEL 104*37MM
No Ref	,365-00100-20.	LABEL WHITE S/A 28X11MM
No Ref	,399-00010-51.	BAG PLASTIC 75*100MM
No Ref	,410-01081-01.	CRT T800 SERIES II
No Ref	,349-00020-43.	SCRW T/T M4X12MM P/POZ BZ

## Item X867-30-0000

Revision/Variant C  
Date created 25/05/98

#C269	,015-21150-01.	CAP CER 0805 1P5+-1/4P NPO 50V
#C294	,015-22470-01.	CAP CER 0805 47P 5% NPO 50V
#C295	,022-06470-02.	CAP MYLAR 470N 10% 50V
#C384	,015-22150-01.	CAP CER 0805 15P 5% NPO 50V
#R264	,036-15220-00.	RES M/F 0805 22K 5%
#R265	,036-15150-00.	RES M/F 0805 15K 5%
#R266	,036-15470-00.	RES M/F 0805 47K 5%
#R298	,036-16100-00.	RES M/F 0805 100K 5%
#R386	,036-13100-00.	RES M/F 0805 100E 5%
%C733	,015-23470-08.	CAP CER 0805 470P 10% X7R 50V
%R200	,030-50000-20.	RES AI ZERO OHM 4X1.6
%R203	,030-50000-20.	RES AI ZERO OHM 4X1.6
%R550	,036-14470-00.	RES M/F 0805 4K7 5%
%R715	,036-14100-00.	RES M/F 0805 1K 5%
%R726	,036-13100-00.	RES M/F 0805 100E 5%
=IC700	,539-00010-41.	TCXO 12.8MHZ +-2.5PPM -30 +70C
C201	,020-07470-92.	CAP BI-P RA 4M7 50V 6X11 5 LS
C202	,020-07470-92.	CAP BI-P RA 4M7 50V 6X11 5 LS
C204	,020-07470-92.	CAP BI-P RA 4M7 50V 6X11 5 LS
C205	,020-07470-92.	CAP BI-P RA 4M7 50V 6X11 5 LS
C207	,014-07470-00.	CAP TANT CHIP 4U7 3.5 X 2.8MM
C209	,015-25470-08.	CAP CER 0805 47N 10% X7R 50V
C210	,015-06100-08.	CAP CER 1206 100N 10% X7R 50V
C211	,015-06100-08.	CAP CER 1206 100N 10% X7R 50V
C213	,014-08100-00.	CAP TANT CHIP 10M 16VW +-20%
C215	,014-08220-01.	(L)CAP TANT 22UF10V276MSER
C217	,015-24220-08.	CAP CER 0805 2N2 10% X7R 50V
C219	,015-24100-08.	CAP CER 0805 1N 10% X7R 50V
C221	,014-08220-01.	(L)CAP TANT 22UF10V276MSER
C223	,015-06100-08.	CAP CER 1206 100N 10% X7R 50V
C225	,015-06100-08.	CAP CER 1206 100N 10% X7R 50V
C227	,015-06100-08.	CAP CER 1206 100N 10% X7R 50V
C229	,015-23150-01.	CAP CER 0805 150P 5% NPO 50V
C230	,015-06100-08.	CAP CER 1206 100N 10% X7R 50V
C232	,015-23150-01.	CAP CER 0805 150P 5% NPO 50V
C233	,016-08470-01.	CAP EL SMD 6*4 47U 16V
C235	,015-24100-08.	CAP CER 0805 1N 10% X7R 50V
C237	,014-07100-02.	CAP TANT CHIP 1U0 3.2 X 1.6MM
C239	,020-07470-92.	CAP BI-P RA 4M7 50V 6X11 5 LS
C241	,015-06100-08.	CAP CER 1206 100N 10% X7R 50V
C242	,014-08100-00.	CAP TANT CHIP 10M 16VW +-20%
C243	,015-24100-08.	CAP CER 0805 1N 10% X7R 50V
C245	,015-23150-01.	CAP CER 0805 150P 5% NPO 50V
C247	,015-23150-01.	CAP CER 0805 150P 5% NPO 50V
C249	,015-24100-08.	CAP CER 0805 1N 10% X7R 50V
C251	,015-24100-08.	CAP CER 0805 1N 10% X7R 50V
C253	,015-24100-08.	CAP CER 0805 1N 10% X7R 50V
C255	,015-24100-08.	CAP CER 0805 1N 10% X7R 50V
C257	,015-22470-01.	CAP CER 0805 47P 5% NPO 50V
C259	,015-25470-08.	CAP CER 0805 47N 10% X7R 50V
C260	,015-06100-08.	CAP CER 1206 100N 10% X7R 50V
C261	,014-07470-00.	CAP TANT CHIP 4U7 3.5 X 2.8MM
C263	,020-09100-04.	CAP ELE RA 100M 10V 6.3X9MM
C265	,020-07470-92.	CAP BI-P RA 4M7 50V 6X11 5 LS
C267	,015-24470-08.	CAP CER 0805 4N7 10% X7R 50V
C271	,015-22470-01.	CAP CER 0805 47P 5% NPO 50V
C273	,015-25470-08.	CAP CER 0805 47N 10% X7R 50V
C275	,015-23120-01.	CAP CER 0805 120P 5% NPO 50V
C277	,015-25100-08.	CAP CER 0805 10N 10% X7R 50V
C279	,015-24100-08.	CAP CER 0805 1N 10% X7R 50V
C281	,015-25220-08.	CAP CER 0805 22N 10% X7R 50V
C283	,015-21470-01.	CAP CER 0805 4P7+-1/4P NPO 50V
C285	,015-21470-01.	CAP CER 0805 4P7+-1/4P NPO 50V
C287	,020-09100-04.	CAP ELE RA 100M 10V 6.3X9MM
C289	,015-25470-08.	CAP CER 0805 47N 10% X7R 50V
C291	,014-08220-01.	(L)CAP TANT 22UF10V276MSER
C293	,015-27100-10.	CAP CER 0805 1M+-80-20% Y5V 16V
C304	,015-24470-08.	CAP CER 0805 4N7 10% X7R 50V
C308	,015-25100-08.	CAP CER 0805 10N 10% X7R 50V
C309	,015-23680-08.	CAP CER 0805 680P 10% X7R 50V
C312	,015-23680-08.	CAP CER 0805 680P 10% X7R 50V
C316	,015-23680-08.	CAP CER 0805 680P 10% X7R 50V
C317	,015-23100-01.	CAP CER 0805 100P 5% NPO 50V
C318	,015-23100-01.	CAP CER 0805 100P 5% NPO 50V
C320	,015-23680-08.	CAP CER 0805 680P 10% X7R 50V
C324	,015-23680-08.	CAP CER 0805 680P 10% X7R 50V
C330A	,015-25100-08.	CAP CER 0805 10N 10% X7R 50V
C330B	,016-08100-01.	CAP EL 6X4 10M 20% 16V
C332	,015-23680-08.	CAP CER 0805 680P 10% X7R 50V
C334	,015-25100-08.	CAP CER 0805 10N 10% X7R 50V
C336	,015-23680-08.	CAP CER 0805 680P 10% X7R 50V
C338	,015-25150-08.	CAP CER 0805 15N 10% X7R 50V
C340	,015-24100-08.	CAP CER 0805 1N 10% X7R 50V
C342	,015-06100-08.	CAP CER 1206 100N 10% X7R 50V
C344	,015-24100-08.	CAP CER 0805 1N 10% X7R 50V
C346	,015-24100-08.	CAP CER 0805 1N 10% X7R 50V
C349	,015-23680-08.	CAP CER 0805 680P 10% X7R 50V
C350	,015-23680-08.	CAP CER 0805 680P 10% X7R 50V
C353	,015-23680-08.	CAP CER 0805 680P 10% X7R 50V
C356	,015-22560-01.	CAP CER 0805 56P 5% NPO 50V
C359	,015-23680-08.	CAP CER 0805 680P 10% X7R 50V
C362	,015-23680-08.	CAP CER 0805 680P 10% X7R 50V
C365	,015-22180-01.	CAP CER 0805 18P 5% NPO 50V
C368	,015-22390-01.	CAP CER 0805 39P 5% NPO 50V

Q530	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF	R292	.036-14470-00.	RES M/F 0805 4K7 5%
Q540	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF	R293	.036-15470-00.	RES M/F 0805 47K 5%
Q550	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R294	.036-14470-00.	RES M/F 0805 4K7 5%
Q610	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF	R295	.036-14270-00.	RES M/F 0805 2K7 5%
Q620	.000-00012-15.	S) XSTR BD234 PNP AF PWR TO126	R296	.036-14100-00.	RES M/F 0805 1K 5%
Q630	.000-50011-30.	S) XSTR AI BC557B PNP TO92 AF	R297	.036-14560-00.	RES M/F 0805 5K6 5%
Q660	.000-10008-17.	S) XSTR SMD BC817-25 NPN SOT23	R299	.036-14270-00.	RES M/F 0805 2K7 5%
Q670	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R302	.036-15220-00.	RES M/F 0805 22K 5%
Q710	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R304	.036-14270-00.	RES M/F 0805 2K7 5%
Q720	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R306	.036-15100-00.	RES M/F 0805 10K 5%
Q730	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R308	.036-16100-00.	RES M/F 0805 100K 5%
Q740	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R310	.036-15220-00.	RES M/F 0805 22K 5%
Q750	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF	R312	.036-14150-00.	RES M/F 0805 1K5 5%
Q760	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R314	.036-13150-00.	RES M/F 0805 150E 5%
Q770	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R316	.036-15100-00.	RES M/F 0805 10K 5%
Q775	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R318	.036-14220-00.	RES M/F 0805 2K2 5%
Q780	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R320	.036-14100-00.	RES M/F 0805 1K 5%
Q785	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R322	.036-12220-00.	RES M/F 0805 22E 5%
Q790	.000-10003-12.	S) XSTR SMD BFR31 N JFET SOT23	R324	.036-13470-00.	RES M/F 0805 470E 5%
Q795	.000-10057-10.	S) XSTR SMD BR571 NPN SOT23	R326	.036-13470-00.	RES M/F 0805 470E 5%
Q810	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R328	.036-13470-00.	RES M/F 0805 470E 5%
Q820	.000-10008-17.	S) XSTR SMD BC817-25 NPN SOT23	R330	.036-12220-00.	RES M/F 0805 22E 5%
Q830	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R332	.036-15470-00.	RES M/F 0805 47K 5%
Q840	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R334	.036-15100-00.	RES M/F 0805 10K 5%
Q850	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R336	.036-14100-00.	RES M/F 0805 1K 5%
Q860	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R338	.036-14100-00.	RES M/F 0805 1K 5%
R160	.036-12100-00.	RES M/F 0805 10E 5%	R340	.036-16100-00.	RES M/F 0805 100K 5%
R201	.036-13560-00.	RES M/F 0805 560E 5%	R342	.036-15150-00.	RES M/F 0805 15K 5%
R202	.036-14100-00.	RES M/F 0805 1K 5%	R344	.036-15470-00.	RES M/F 0805 47K 5%
R204	.036-14220-00.	RES M/F 0805 2K2 5%	R345	.036-12220-00.	RES M/F 0805 22E 5%
R205	.036-13220-00.	RES M/F 0805 220E 5%	R346	.036-16120-00.	RES M/F 0805 120K 5%
R206	.036-14100-00.	RES M/F 0805 1K 5%	R348	.036-14470-00.	RES M/F 0805 4K7 5%
R207	.036-14390-00.	RES M/F 0805 3K9 5%	R350	.036-14100-00.	RES M/F 0805 1K 5%
R208	.036-13560-00.	RES M/F 0805 560E 5%	R352	.036-15150-00.	RES M/F 0805 15K 5%
R209	.036-15100-00.	RES M/F 0805 10K 5%	R354	.036-15150-00.	RES M/F 0805 15K 5%
R210	.036-14220-00.	RES M/F 0805 2K2 5%	R356	.036-14100-00.	RES M/F 0805 1K 5%
R212	.036-16100-00.	RES M/F 0805 100K 5%	R359	.036-13100-00.	RES M/F 0805 100E 5%
R213	.036-15100-00.	RES M/F 0805 10K 5%	R360	.036-12680-00.	RES M/F 0805 68E 5%
R214	.036-14820-00.	RES M/F 0805 8K2 5%	R362	.036-13100-00.	RES M/F 0805 100E 5%
R215	.036-16100-00.	RES M/F 0805 100K 5%	R364	.036-14150-00.	RES M/F 0805 1K5 5%
R216	.036-16100-00.	RES M/F 0805 100K 5%	R366	.036-12470-00.	RES M/F 0805 47E 5%
R217	.036-14100-00.	RES M/F 0805 1K 5%	R368	.036-15100-00.	RES M/F 0805 10K 5%
R218	.036-16150-00.	RES M/F 0805 150K 5%	R370	.036-13560-00.	RES M/F 0805 560E 5%
R219	.036-14220-00.	RES M/F 0805 2K2 5%	R372	.036-14150-00.	RES M/F 0805 1K5 5%
R221	.036-14150-00.	RES M/F 0805 1K5 5%	R374	.036-13330-00.	RES M/F 0805 330E 5%
R223	.036-17100-00.	RES M/F 0805 1M 5%	R376	.036-14150-00.	RES M/F 0805 1K5 5%
R224	.036-14680-00.	RES M/F 0805 6K8 5%	R377	.036-14120-00.	RES M/F 0805 1K2 5%
R225	.036-17100-00.	RES M/F 0805 1M 5%	R378	.036-14120-00.	RES M/F 0805 1K2 5%
R226	.036-15100-00.	RES M/F 0805 10K 5%	R380	.030-53150-20.	RES FILM AI 150E 5% 0.4W 4X1.6
R227	.036-14220-00.	RES M/F 0805 2K2 5%	R382	.030-53150-20.	RES FILM AI 150E 5% 0.4W 4X1.6
R229	.036-16470-00.	RES M/F 0805 470K 5%	R384	.036-11330-00.	RES M/F 0805 3E3 5%
R230	.036-16100-00.	RES M/F 0805 100K 5%	R387	.036-14180-00.	RES M/F 0805 1K8 5%
R231	.036-15100-00.	RES M/F 0805 10K 5%	R388	.036-14180-00.	RES M/F 0805 1K8 5%
R232	.036-16330-00.	RES M/F 0805 330K 5%	R389	.036-14180-00.	RES M/F 0805 1K8 5%
R233	.036-16100-00.	RES M/F 0805 100K 5%	R390	.036-11330-00.	RES M/F 0805 3E3 5%
R235	.036-14470-00.	RES M/F 0805 4K7 5%	R392	.036-14180-00.	RES M/F 0805 1K8 5%
R237	.036-15470-00.	RES M/F 0805 47K 5%	R394	.036-12220-00.	RES M/F 0805 22E 5%
R238	.036-15470-00.	RES M/F 0805 47K 5%	R396	.036-14180-00.	RES M/F 0805 1K8 5%
R239	.036-14150-00.	RES M/F 0805 1K5 5%	R502	.036-13330-00.	RES M/F 0805 330E 5%
R241	.036-14470-00.	RES M/F 0805 4K7 5%	R505	.036-15150-00.	RES M/F 0805 15K 5%
R242	.036-14220-00.	RES M/F 0805 2K2 5%	R510	.036-13680-00.	RES M/F 0805 680E 5%
R244	.036-15100-00.	RES M/F 0805 10K 5%	R515	.036-12560-00.	RES M/F 0805 56E 5%
R245	.036-16100-00.	RES M/F 0805 100K 5%	R520	.036-16120-00.	RES M/F 0805 120K 5%
R247	.036-15100-00.	RES M/F 0805 10K 5%	R525	.036-15470-00.	RES M/F 0805 47K 5%
R248	.036-16100-00.	RES M/F 0805 100K 5%	R530	.036-15220-00.	RES M/F 0805 22K 5%
R249	.036-16100-00.	RES M/F 0805 100K 5%	R535	.036-15100-00.	RES M/F 0805 10K 5%
R251	.036-16100-00.	RES M/F 0805 100K 5%	R540	.036-14220-00.	RES M/F 0805 2K2 5%
R253	.036-16100-00.	RES M/F 0805 100K 5%	R545	.036-14470-00.	RES M/F 0805 4K7 5%
R254	.036-16100-00.	RES M/F 0805 100K 5%	R555	.036-14470-00.	RES M/F 0805 4K7 5%
R255	.036-15100-00.	RES M/F 0805 10K 5%	R560	.036-13470-00.	RES M/F 0805 470E 5%
R256	.036-15470-00.	RES M/F 0805 47K 5%	R609	.036-14100-00.	RES M/F 0805 1K 5%
R257	.036-16330-00.	RES M/F 0805 330K 5%	R613	.036-13560-00.	RES M/F 0805 560E 5%
R258	.036-16150-00.	RES M/F 0805 150K 5%	R615	.036-13100-00.	RES M/F 0805 100E 5%
R259	.036-15220-00.	RES M/F 0805 22K 5%	R617	.036-10000-00.	RES M/F 0805 ZERO OHM
R260	.036-15470-00.	RES M/F 0805 47K 5%	R619	.036-01100-10.	RES 1 OHM 1 WATT 2512 CHIP
R262	.036-15470-00.	RES M/F 0805 47K 5%	R621	.036-01100-10.	RES 1 OHM 1 WATT 2512 CHIP
R263	.036-14470-00.	RES M/F 0805 4K7 5%	R625	.036-14100-00.	RES M/F 0805 1K 5%
R267	.036-14220-00.	RES M/F 0805 2K2 5%	R629	.036-03270-10.	RES 270 OHM 1 WATT 2512 CHIP
R268	.036-13100-00.	RES M/F 0805 100E 5%	R633	.036-14680-00.	RES M/F 0805 6K8 5%
R269	.036-15100-00.	RES M/F 0805 10K 5%	R637	.036-12220-00.	RES M/F 0805 22E 5%
R270	.036-14120-00.	RES M/F 0805 1K2 5%	R641	.036-14150-00.	RES M/F 0805 1K5 5%
R271	.036-16390-00.	RES M/F 0805 390K 5%	R645	.036-13470-00.	RES M/F 0805 470E 5%
R272	.036-13560-00.	RES M/F 0805 560E 5%	R649	.036-14470-00.	RES M/F 0805 4K7 5%
R273	.036-15120-00.	RES M/F 0805 12K 5%	R653	.036-15100-00.	RES M/F 0805 10K 5%
R274	.036-15150-00.	RES M/F 0805 15K 5%	R655	.036-10000-00.	RES M/F 0805 ZERO OHM
R275	.036-14270-00.	RES M/F 0805 2K7 5%	R656	.036-10000-00.	RES M/F 0805 ZERO OHM
R277	.036-16100-00.	RES M/F 0805 100K 5%	R657	.036-15100-00.	RES M/F 0805 10K 5%
R278	.036-16120-00.	RES M/F 0805 120K 5%	R661	.036-15100-00.	RES M/F 0805 10K 5%
R279	.036-17100-00.	RES M/F 0805 1M 5%	R665	.036-16100-00.	RES M/F 0805 100K 5%
R280	.036-15100-00.	RES M/F 0805 10K 5%	R669	.036-15470-00.	RES M/F 0805 47K 5%
R282	.036-15560-00.	RES M/F 0805 56K 5%	R673	.036-16100-00.	RES M/F 0805 100K 5%
R283	.036-15560-00.	RES M/F 0805 56K 5%	R677	.036-15470-00.	RES M/F 0805 47K 5%
R284	.036-17100-00.	RES M/F 0805 1M 5%	R681	.036-13100-00.	RES M/F 0805 100E 5%
R285	.036-10000-00.	RES M/F 0805 ZERO OHM	R685	.036-15150-00.	RES M/F 0805 15K 5%
R286	.036-14220-00.	RES M/F 0805 2K2 5%	R689	.036-12100-00.	RES M/F 0805 10E 5%
R287	.036-15100-00.	RES M/F 0805 10K 5%	R693	.036-16100-00.	RES M/F 0805 100K 5%
R288	.036-15120-00.	RES M/F 0805 12K 5%	R696	.036-15560-00.	RES M/F 0805 56K 5%
R289	.036-16100-00.	RES M/F 0805 100K 5%	R701	.036-12220-00.	RES M/F 0805 22E 5%
R290	.036-13560-00.	RES M/F 0805 560E 5%	R702	.036-17100-00.	RES M/F 0805 1M 5%
R291	.036-10000-00.	RES M/F 0805 ZERO OHM	R703	.036-17100-00.	RES M/F 0805 1M 5%

Item T867-35-0000

Revision/Variant C  
Date created 25/05/98

No Ref	.352-00010-29,	NUT M4 NYLOC HEX
No Ref	.308-01007-01,	HANDLE BASE STATION SERIES II
No Ref	.312-01052-02,	LID TOP T800 SER II PTND
No Ref	.312-01053-02,	LID BOTTOM T800 SER II PNTD
No Ref	.316-06619-00,	PNL FRT EX, NO EX OUT SER II
No Ref	.349-00020-36,	LIM)SCREW TT M3X8m PANTORX BLK
No Ref	X867-35-0000,	DEV)T867-35-0000 MAIN BRD ASSY
No Ref	.349-00020-45,	SCRW T/T M4X20MM P/POZ BZ
No Ref	.410-01082-01,	CRTN 10 T800 KIWI 423X410X360
No Ref	.353-00010-24,	WSHR M4 FLAT ST BZ A4M1957
No Ref	.362-00010-33,	GROMMET LED MTG 3MM
No Ref	.365-00011-53,	LABEL 104*37MM
No Ref	.365-00100-20,	LABEL WHITE S/A 28X11MM
No Ref	.399-00010-51,	BAG PLASTIC 75*100MM
No Ref	.410-01081-01,	CRT T800 SERIES II
No Ref	.349-00020-43,	SCRW T/T M4X12MM P/POZ BZ

Item X867-35-0000

Revision/Variant B  
Date created 25/05/98

#C269	.015-21470-01,	CAP CER 0805 4P7+-1/4P NPO 50V
#C294	.015-22470-01,	CAP CER 0805 47P 5% NPO 50V
#C295	.022-06470-02,	CAP MYLAR 470N 10% 50V
#C384	.015-22180-01,	CAP CER 0805 18P 5% NPO 50V
#R264	.036-15270-00,	RES M/F 0805 27K 5%
#R265	.036-15180-00,	RES M/F 0805 18K 5%
#R266	.036-15560-00,	RES M/F 0805 56K 5%
#R298	.036-16100-00,	RES M/F 0805 100K 5%
#R386	.036-13100-00,	RES M/F 0805 100E 5%
%C733	.015-23470-08,	CAP CER 0805 470P 10% X7R 50V
%R200	.030-50000-20,	RES AI ZERO OHM 4X1.6
%R203	.030-50000-20,	RES AI ZERO OHM 4X1.6
%R550	.036-14470-00,	RES M/F 0805 4K7 5%
%R715	.036-14100-00,	RES M/F 0805 1K 5%
%R726	.036-13100-00,	RES M/F 0805 100E 5%
=IC700	.539-00010-41,	TCXO 12.8MHZ +-2.5PPM -30 +70C
C201	.020-07470-92,	CAP BI-P RA 4M7 50V 6X11 5 LS
C202	.020-07470-92,	CAP BI-P RA 4M7 50V 6X11 5 LS
C204	.020-07470-92,	CAP BI-P RA 4M7 50V 6X11 5 LS
C205	.020-07470-92,	CAP BI-P RA 4M7 50V 6X11 5 LS
C207	.014-07470-00,	CAP TANT CHIP 4U7 3.5 X 2.8MM
C209	.015-25470-08,	CAP CER 0805 47N 10% X7R 50V
C210	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V
C211	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V
C213	.014-08100-00,	CAP TANT CHIP 10M 16VW +-20%
C215	.014-08220-01,	(L)CAP TANT 22UF10V276MSER
C217	.015-24220-08,	CAP CER 0805 2N2 10% X7R 50V
C219	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V
C221	.014-08220-01,	(L)CAP TANT 22UF10V276MSER
C223	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V
C225	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V
C227	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V
C229	.015-23150-01,	CAP CER 0805 150P 5% NPO 50V
C230	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V
C232	.015-23150-01,	CAP CER 0805 150P 5% NPO 50V
C233	.016-08470-01,	CAP EL SMD 6*4 47U 16V
C235	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V
C237	.014-07100-02,	CAP TANT CHIP 1U0 3.2 X 1.6MM
C239	.020-07470-92,	CAP BI-P RA 4M7 50V 6X11 5 LS
C241	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V
C242	.014-08100-00,	CAP TANT CHIP 10M 16VW +-20%
C243	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V
C245	.015-23150-01,	CAP CER 0805 150P 5% NPO 50V
C247	.015-23150-01,	CAP CER 0805 150P 5% NPO 50V
C249	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V
C251	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V
C253	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V
C255	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V
C257	.015-22470-01,	CAP CER 0805 47P 5% NPO 50V
C259	.015-25470-08,	CAP CER 0805 47N 10% X7R 50V
C260	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V
C261	.014-07470-00,	CAP TANT CHIP 4U7 3.5 X 2.8MM
C263	.020-09100-04,	CAP ELE RA 100M 10V 6.3X9MM
C265	.020-07470-92,	CAP BI-P RA 4M7 50V 6X11 5 LS
C267	.015-24470-08,	CAP CER 0805 4N7 10% X7R 50V
C271	.015-22470-01,	CAP CER 0805 47P 5% NPO 50V
C273	.015-25470-08,	CAP CER 0805 47N 10% X7R 50V
C275	.015-23120-01,	CAP CER 0805 120P 5% NPO 50V
C277	.015-25100-08,	CAP CER 0805 10N 10% X7R 50V
C279	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V
C281	.015-25220-08,	CAP CER 0805 22N 10% X7R 50V
C283	.015-21470-01,	CAP CER 0805 4P7+-1/4P NPO 50V
C285	.015-21470-01,	CAP CER 0805 4P7+-1/4P NPO 50V
C287	.020-09100-04,	CAP ELE RA 100M 10V 6.3X9MM
C289	.015-25470-08,	CAP CER 0805 47N 10% X7R 50V
C291	.014-08220-01,	(L)CAP TANT 22UF10V276MSER
C293	.015-27100-10,	CAP CER 0805 1M+-80-20% Y5V 16V
C304	.015-24470-08,	CAP CER 0805 4N7 10% X7R 50V
C308	.015-25100-08,	CAP CER 0805 10N 10% X7R 50V
C309	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V
C312	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V
C316	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V
C317	.015-23100-01,	CAP CER 0805 100P 5% NPO 50V
C318	.015-23100-01,	CAP CER 0805 100P 5% NPO 50V
C320	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V
C324	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V
C330A	.015-25100-08,	CAP CER 0805 10N 10% X7R 50V
C330B	.016-08100-01,	CAP EL 6X4 10M 20% 16V
C332	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V
C334	.015-25100-08,	CAP CER 0805 10N 10% X7R 50V
C336	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V
C338	.015-25150-08,	CAP CER 0805 15N 10% X7R 50V
C340	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V
C342	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V
C344	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V
C346	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V
C349	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V
C350	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V
C353	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V
C356	.015-22560-01,	CAP CER 0805 56P 5% NPO 50V
C359	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V
C362	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V
C365	.015-22180-01,	CAP CER 0805 18P 5% NPO 50V
C368	.015-22390-01,	CAP CER 0805 39P 5% NPO 50V

Q530	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF	R293	.036-15470-00.	RES M/F 0805 47K 5%
Q540	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF	R294	.036-14470-00.	RES M/F 0805 4K7 5%
Q550	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R295	.036-14270-00.	RES M/F 0805 2K7 5%
Q610	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF	R296	.036-14100-00.	RES M/F 0805 1K 5%
Q620	.000-00012-15.	S) XSTR BD234 PNP AF PWR TO126	R297	.036-14560-00.	RES M/F 0805 5K6 5%
Q630	.000-50011-30.	S) XSTR AI BC557B PNP T092 AF	R299	.036-14270-00.	RES M/F 0805 2K7 5%
Q660	.000-10008-17.	S) XSTR SMD BC817-25 NPN SOT23	R302	.036-15220-00.	RES M/F 0805 22K 5%
Q670	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R304	.036-14270-00.	RES M/F 0805 2K7 5%
Q710	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R306	.036-15100-00.	RES M/F 0805 10K 5%
Q720	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R308	.036-16100-00.	RES M/F 0805 100K 5%
Q730	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R310	.036-15220-00.	RES M/F 0805 22K 5%
Q740	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R312	.036-14150-00.	RES M/F 0805 1K5 5%
Q750	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF	R314	.036-13150-00.	RES M/F 0805 150E 5%
Q760	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R316	.036-15100-00.	RES M/F 0805 10K 5%
Q770	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R318	.036-14220-00.	RES M/F 0805 2K2 5%
Q775	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R320	.036-14100-00.	RES M/F 0805 1K 5%
Q780	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R322	.036-12220-00.	RES M/F 0805 22E 5%
Q785	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R324	.036-13470-00.	RES M/F 0805 470E 5%
Q790	.000-10003-12.	S) XSTR SMD BFR31 N JFET SOT23	R326	.036-13470-00.	RES M/F 0805 470E 5%
Q795	.000-10005-10.	S) XSTR SMD BR571 NPN SOT23	R328	.036-13470-00.	RES M/F 0805 470E 5%
Q810	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R330	.036-12220-00.	RES M/F 0805 22E 5%
Q820	.000-10008-17.	S) XSTR SMD BC817-25 NPN SOT23	R332	.036-15470-00.	RES M/F 0805 47K 5%
Q830	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R334	.036-15100-00.	RES M/F 0805 10K 5%
Q840	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS	R336	.036-14100-00.	RES M/F 0805 1K 5%
Q850	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R338	.036-14100-00.	RES M/F 0805 1K 5%
Q860	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS	R340	.036-16100-00.	RES M/F 0805 100K 5%
R160	.036-12100-00.	RES M/F 0805 10E 5%	R342	.036-15150-00.	RES M/F 0805 15K 5%
R201	.036-13560-00.	RES M/F 0805 560E 5%	R344	.036-15470-00.	RES M/F 0805 47K 5%
R202	.036-14100-00.	RES M/F 0805 1K 5%	R345	.036-12220-00.	RES M/F 0805 22E 5%
R204	.036-14220-00.	RES M/F 0805 2K2 5%	R346	.036-16120-00.	RES M/F 0805 120K 5%
R205	.036-13220-00.	RES M/F 0805 220E 5%	R348	.036-14470-00.	RES M/F 0805 4K7 5%
R206	.036-14100-00.	RES M/F 0805 1K 5%	R350	.036-14100-00.	RES M/F 0805 1K 5%
R207	.036-14390-00.	RES M/F 0805 3K9 5%	R352	.036-15150-00.	RES M/F 0805 15K 5%
R208	.036-13560-00.	RES M/F 0805 560E 5%	R354	.036-15150-00.	RES M/F 0805 15K 5%
R209	.036-15100-00.	RES M/F 0805 10K 5%	R356	.036-14100-00.	RES M/F 0805 1K 5%
R210	.036-14220-00.	RES M/F 0805 2K2 5%	R359	.036-13100-00.	RES M/F 0805 100E 5%
R212	.036-16100-00.	RES M/F 0805 100K 5%	R360	.036-12680-00.	RES M/F 0805 68E 5%
R213	.036-15100-00.	RES M/F 0805 10K 5%	R362	.036-13100-00.	RES M/F 0805 100E 5%
R214	.036-14820-00.	RES M/F 0805 8K2 5%	R364	.036-14150-00.	RES M/F 0805 1K5 5%
R215	.036-16100-00.	RES M/F 0805 100K 5%	R366	.036-12470-00.	RES M/F 0805 47E 5%
R216	.036-16100-00.	RES M/F 0805 100K 5%	R368	.036-15100-00.	RES M/F 0805 10K 5%
R217	.036-14100-00.	RES M/F 0805 1K 5%	R370	.036-13560-00.	RES M/F 0805 560E 5%
R218	.036-16150-00.	RES M/F 0805 150K 5%	R372	.036-14150-00.	RES M/F 0805 1K5 5%
R219	.036-14220-00.	RES M/F 0805 2K2 5%	R374	.036-13330-00.	RES M/F 0805 330E 5%
R221	.036-14150-00.	RES M/F 0805 1K5 5%	R376	.036-14150-00.	RES M/F 0805 1K5 5%
R223	.036-17100-00.	RES M/F 0805 1M 5%	R377	.036-14120-00.	RES M/F 0805 1K2 5%
R224	.036-14680-00.	RES M/F 0805 6K8 5%	R378	.036-14120-00.	RES M/F 0805 1K2 5%
R225	.036-17100-00.	RES M/F 0805 1M 5%	R380	.030-53150-20.	RES FILM AI 150E 5% 0.4W 4X1.6
R226	.036-15100-00.	RES M/F 0805 10K 5%	R382	.030-53150-20.	RES FILM AI 150E 5% 0.4W 4X1.6
R227	.036-14220-00.	RES M/F 0805 2K2 5%	R384	.036-11330-00.	RES M/F 0805 3E3 5%
R229	.036-16470-00.	RES M/F 0805 470K 5%	R387	.036-14180-00.	RES M/F 0805 1K8 5%
R230	.036-16100-00.	RES M/F 0805 100K 5%	R388	.036-14180-00.	RES M/F 0805 1K8 5%
R231	.036-15100-00.	RES M/F 0805 10K 5%	R389	.036-14180-00.	RES M/F 0805 1K8 5%
R232	.036-16330-00.	RES M/F 0805 330K 5%	R390	.036-11330-00.	RES M/F 0805 3E3 5%
R233	.036-16100-00.	RES M/F 0805 100K 5%	R392	.036-14180-00.	RES M/F 0805 1K8 5%
R235	.036-14470-00.	RES M/F 0805 4K7 5%	R394	.036-12220-00.	RES M/F 0805 22E 5%
R237	.036-15470-00.	RES M/F 0805 47K 5%	R396	.036-14180-00.	RES M/F 0805 1K8 5%
R238	.036-15470-00.	RES M/F 0805 47K 5%	R502	.036-13330-00.	RES M/F 0805 330E 5%
R239	.036-14150-00.	RES M/F 0805 1K5 5%	R505	.036-15150-00.	RES M/F 0805 15K 5%
R241	.036-14470-00.	RES M/F 0805 4K7 5%	R510	.036-13680-00.	RES M/F 0805 680E 5%
R242	.036-14220-00.	RES M/F 0805 2K2 5%	R515	.036-12560-00.	RES M/F 0805 56E 5%
R244	.036-15100-00.	RES M/F 0805 10K 5%	R520	.036-16120-00.	RES M/F 0805 120K 5%
R245	.036-16100-00.	RES M/F 0805 100K 5%	R525	.036-15470-00.	RES M/F 0805 47K 5%
R247	.036-15100-00.	RES M/F 0805 10K 5%	R530	.036-15220-00.	RES M/F 0805 22K 5%
R248	.036-16100-00.	RES M/F 0805 100K 5%	R535	.036-15100-00.	RES M/F 0805 10K 5%
R249	.036-16100-00.	RES M/F 0805 100K 5%	R540	.036-14220-00.	RES M/F 0805 2K2 5%
R251	.036-16100-00.	RES M/F 0805 100K 5%	R545	.036-14470-00.	RES M/F 0805 4K7 5%
R253	.036-16100-00.	RES M/F 0805 100K 5%	R555	.036-14470-00.	RES M/F 0805 4K7 5%
R254	.036-16100-00.	RES M/F 0805 100K 5%	R560	.036-13470-00.	RES M/F 0805 470E 5%
R255	.036-15100-00.	RES M/F 0805 10K 5%	R609	.036-14100-00.	RES M/F 0805 1K 5%
R256	.036-15470-00.	RES M/F 0805 47K 5%	R613	.036-13560-00.	RES M/F 0805 560E 5%
R257	.036-16330-00.	RES M/F 0805 330K 5%	R615	.036-13100-00.	RES M/F 0805 100E 5%
R258	.036-16150-00.	RES M/F 0805 150K 5%	R617	.036-10000-00.	RES M/F 0805 ZERO OHM
R259	.036-15220-00.	RES M/F 0805 22K 5%	R619	.036-01100-10.	RES 1 OHM 1 WATT 2512 CHIP
R260	.036-15470-00.	RES M/F 0805 47K 5%	R621	.036-01100-10.	RES 1 OHM 1 WATT 2512 CHIP
R262	.036-15470-00.	RES M/F 0805 47K 5%	R625	.036-14100-00.	RES M/F 0805 1K 5%
R263	.036-14470-00.	RES M/F 0805 4K7 5%	R629	.036-03270-10.	RES 270 OHM 1 WATT 2512 CHIP
R267	.036-14220-00.	RES M/F 0805 2K2 5%	R633	.036-14680-00.	RES M/F 0805 6K8 5%
R268	.036-13100-00.	RES M/F 0805 100E 5%	R637	.036-12220-00.	RES M/F 0805 22E 5%
R269	.036-15100-00.	RES M/F 0805 10K 5%	R641	.036-14150-00.	RES M/F 0805 1K5 5%
R270	.036-14120-00.	RES M/F 0805 1K2 5%	R645	.036-13470-00.	RES M/F 0805 470E 5%
R271	.036-16390-00.	RES M/F 0805 390K 5%	R649	.036-14470-00.	RES M/F 0805 4K7 5%
R272	.036-13560-00.	RES M/F 0805 560E 5%	R653	.036-15100-00.	RES M/F 0805 10K 5%
R273	.036-15120-00.	RES M/F 0805 12K 5%	R655	.036-10000-00.	RES M/F 0805 ZERO OHM
R274	.036-15150-00.	RES M/F 0805 15K 5%	R656	.036-10000-00.	RES M/F 0805 ZERO OHM
R275	.036-14270-00.	RES M/F 0805 2K7 5%	R657	.036-15100-00.	RES M/F 0805 10K 5%
R277	.036-16100-00.	RES M/F 0805 100K 5%	R661	.036-15100-00.	RES M/F 0805 10K 5%
R278	.036-16120-00.	RES M/F 0805 120K 5%	R665	.036-16100-00.	RES M/F 0805 100K 5%
R279	.036-17100-00.	RES M/F 0805 1M 5%	R669	.036-15470-00.	RES M/F 0805 47K 5%
R280	.036-15100-00.	RES M/F 0805 10K 5%	R673	.036-16100-00.	RES M/F 0805 100K 5%
R282	.036-15560-00.	RES M/F 0805 56K 5%	R677	.036-15470-00.	RES M/F 0805 47K 5%
R283	.036-15560-00.	RES M/F 0805 56K 5%	R681	.036-13100-00.	RES M/F 0805 100E 5%
R284	.036-17100-00.	RES M/F 0805 1M 5%	R685	.036-15150-00.	RES M/F 0805 15K 5%
R285	.036-10000-00.	RES M/F 0805 ZERO OHM	R689	.036-12100-00.	RES M/F 0805 10E 5%
R286	.036-14220-00.	RES M/F 0805 2K2 5%	R693	.036-16100-00.	RES M/F 0805 100K 5%
R287	.036-15100-00.	RES M/F 0805 10K 5%	R696	.036-15560-00.	RES M/F 0805 56K 5%
R289	.036-16100-00.	RES M/F 0805 100K 5%	R701	.036-12220-00.	RES M/F 0805 22E 5%
R290	.036-13560-00.	RES M/F 0805 560E 5%	R702	.036-17100-00.	RES M/F 0805 1M 5%
R291	.036-10000-00.	RES M/F 0805 ZERO OHM	R703	.036-17100-00.	RES M/F 0805 1M 5%
R292	.036-14470-00.	RES M/F 0805 4K7 5%	R706	.036-15150-00.	RES M/F 0805 15K 5%

R708	.036-16100-00,	RES M/F 0805 100K 5%	R874	.036-14470-00,	RES M/F 0805 4K7 5%
R710	.036-13100-00,	RES M/F 0805 100E 5%	R875	.036-15470-00,	RES M/F 0805 47K 5%
R711	.036-13100-00,	RES M/F 0805 100E 5%	R876	.036-14470-00,	RES M/F 0805 4K7 5%
R712	.036-12100-00,	RES M/F 0805 10E 5%	R877	.036-14470-00,	RES M/F 0805 4K7 5%
R713	.036-12220-00,	RES M/F 0805 22E 5%	R879	.036-15100-00,	RES M/F 0805 10K 5%
R714	.036-12100-00,	RES M/F 0805 10E 5%	RV210	.040-05100-23,	POT 10K LOG PCB 15MM SLOT SFT
R717	.036-14270-00,	RES M/F 0805 2K7 5%	RV220	.042-05500-05,	RES PRESET SMD 50K CER 4MM SQ
R718	.036-16100-00,	RES M/F 0805 100K 5%	RV805	.042-05220-07,	RES PRE 22K CAR 6MM FLAT D/ADJ
R719	.036-16100-00,	RES M/F 0805 100K 5%	SK200	.240-10000-05,	CONN SMD SKT 8W 2R M-MATCH
R720	.036-15390-00,	RES M/F 0805 39K 5%	SK205	.240-02020-05,	SKT STEREO PHONE JACK PCB MTG
R721	.036-15100-00,	RES M/F 0805 10K 5%	SK310	.240-02100-44,	SKT COAX MINI JACK PCB MT ANG.
R722	.036-15100-00,	RES M/F 0805 10K 5%	SK420	.240-02100-44,	SKT COAX MINI JACK PCB MT ANG.
R723	.036-14270-00,	RES M/F 0805 2K7 5%	SK805	.240-10000-07,	CONN SMD SKT 16W 2R M-MATCH
R725	.036-15390-00,	RES M/F 0805 39K 5%	SK810	.240-04020-42,	SKT 44 PIN SMD PLCC
R727	.036-15100-00,	RES M/F 0805 10K 5%	SW101	.232-00020-26,	BUTTON 232-00010-26 SWITCH
R728	.036-15100-00,	RES M/F 0805 10K 5%	SW230	.232-00010-26,	SWITCH PUSH SPDT R-ANG PCB MTG
R734	.036-13470-00,	RES M/F 0805 470E 5%	T610	.050-00016-50,	COIL TAIT NO 650 455KHZ
R735	.036-13470-00,	RES M/F 0805 470E 5%	T86720	.036-15100-10,	RES M/F 0805 10K 1%
R736	.036-13470-00,	RES M/F 0805 470E 5%			
R742	.036-13150-00,	RES M/F 0805 150E 5%			
R743	.036-13150-00,	RES M/F 0805 150E 5%			
R744	.036-12220-00,	RES M/F 0805 22E 5%			
R746	.036-12220-00,	RES M/F 0805 22E 5%			
R747	.036-12220-00,	RES M/F 0805 22E 5%			
R748	.036-15470-00,	RES M/F 0805 47K 5%			
R749	.036-15470-00,	RES M/F 0805 47K 5%			
R750	.036-12220-00,	RES M/F 0805 22E 5%			
R752	.036-12220-00,	RES M/F 0805 22E 5%			
R753	.036-17100-00,	RES M/F 0805 1M 5%			
R754	.036-14100-00,	RES M/F 0805 1K 5%			
R756	.036-16470-00,	RES M/F 0805 470K 5%			
R757	.036-16470-00,	RES M/F 0805 470K 5%			
R758	.036-14120-00,	RES M/F 0805 1K2 5%			
R759	.036-13330-00,	RES M/F 0805 330E 5%			
R760	.036-13180-00,	RES M/F 0805 180E 5%			
R762	.036-13100-00,	RES M/F 0805 100E 5%			
R763	.036-13100-00,	RES M/F 0805 100E 5%			
R765	.036-13680-00,	RES M/F 0805 680E 5%			
R766	.036-14100-00,	RES M/F 0805 1K 5%			
R767	.036-13680-00,	RES M/F 0805 680E 5%			
R769	.036-13180-00,	RES M/F 0805 180E 5%			
R771	.036-14820-00,	RES M/F 0805 8K2 5%			
R772	.036-15220-00,	RES M/F 0805 22K 5%			
R774	.036-14820-00,	RES M/F 0805 8K2 5%			
R775	.036-14680-00,	RES M/F 0805 6K8 5%			
R777	.036-14220-00,	RES M/F 0805 2K2 5%			
R784	.036-12680-00,	RES M/F 0805 68E 5%			
R785	.036-14330-00,	RES M/F 0805 3K3 5%			
R786	.036-12100-00,	RES M/F 0805 10E 5%			
R787	.036-12100-00,	RES M/F 0805 10E 5%			
R790	.036-13220-00,	RES M/F 0805 220E 5%			
R791	.036-13100-00,	RES M/F 0805 100E 5%			
R792	.036-14100-00,	RES M/F 0805 1K 5%			
R801	.036-16150-00,	RES M/F 0805 150K 5%			
R802	.036-15470-00,	RES M/F 0805 47K 5%			
R808	.036-12100-00,	RES M/F 0805 10E 5%			
R809	.036-14470-00,	RES M/F 0805 4K7 5%			
R810	.036-14470-00,	RES M/F 0805 4K7 5%			
R811	.036-14470-00,	RES M/F 0805 4K7 5%			
R812	.036-14470-00,	RES M/F 0805 4K7 5%			
R813	.036-14470-00,	RES M/F 0805 4K7 5%			
R815	.036-15470-00,	RES M/F 0805 47K 5%			
R816	.036-16150-00,	RES M/F 0805 150K 5%			
R818	.036-14470-00,	RES M/F 0805 4K7 5%			
R819	.036-14470-00,	RES M/F 0805 4K7 5%			
R821	.036-15470-00,	RES M/F 0805 47K 5%			
R822	.036-15470-00,	RES M/F 0805 47K 5%			
R824	.036-14220-00,	RES M/F 0805 2K2 5%			
R825	.036-14220-00,	RES M/F 0805 2K2 5%			
R826	.036-14220-00,	RES M/F 0805 2K2 5%			
R827	.036-14220-00,	RES M/F 0805 2K2 5%			
R828	.036-14220-00,	RES M/F 0805 2K2 5%			
R829	.036-14220-00,	RES M/F 0805 2K2 5%			
R830	.036-14220-00,	RES M/F 0805 2K2 5%			
R831	.036-14220-00,	RES M/F 0805 2K2 5%			
R832	.036-14220-00,	RES M/F 0805 2K2 5%			
R833	.036-14220-00,	RES M/F 0805 2K2 5%			
R835	.036-14220-00,	RES M/F 0805 2K2 5%			
R836	.036-14220-00,	RES M/F 0805 2K2 5%			
R837	.036-14220-00,	RES M/F 0805 2K2 5%			
R840	.036-14220-00,	RES M/F 0805 2K2 5%			
R841	.036-14220-00,	RES M/F 0805 2K2 5%			
R842	.036-14220-00,	RES M/F 0805 2K2 5%			
R843	.036-14220-00,	RES M/F 0805 2K2 5%			
R845	.036-13470-00,	RES M/F 0805 470E 5%			
R846	.036-13470-00,	RES M/F 0805 470E 5%			
R847	.036-13470-00,	RES M/F 0805 470E 5%			
R848	.036-14470-00,	RES M/F 0805 4K7 5%			
R850	.036-13470-00,	RES M/F 0805 470E 5%			
R853	.036-14470-00,	RES M/F 0805 4K7 5%			
R854	.036-14470-00,	RES M/F 0805 4K7 5%			
R855	.036-14470-00,	RES M/F 0805 4K7 5%			
R859	.036-16150-00,	RES M/F 0805 150K 5%			
R861	.036-16150-00,	RES M/F 0805 150K 5%			
R863	.036-16150-00,	RES M/F 0805 150K 5%			
R865	.036-16100-00,	RES M/F 0805 100K 5%			
R867	.036-16100-00,	RES M/F 0805 100K 5%			
R871	.036-15470-00,	RES M/F 0805 47K 5%			
R872	.036-14470-00,	RES M/F 0805 4K7 5%			
R873	.036-15330-00,	RES M/F 0805 33K 5%			

C370	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	C910	.015-02100-06.	CAP CER 1210 10P NPO500VGRM42
C373	.015-25470-08.	CAP CER 0805 47N 10% X7R 50V	C920	.015-02180-06.	CAP CER 1210 18P NPO500VGRM42
C376	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	C930	.015-02100-06.	CAP CER 1210 10P NPO500VGRM42
C379	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	D111	.001-00012-30.	S) DIODE 6A6 MR756 6A/600V
C382	.015-21560-01.	CAP CER 0805 5P6+1/4P NPO 50V	D220	.001-10000-99.	S) DIODE SMD BAV99 D-SW SOT23
C383	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	D230	.001-00010-40.	S) DIODE ZENER 33V 1.3W
C385	.020-07470-04.	CAP ELE RA 4M7 25V 20%8X13 SOL	D240	.001-10000-56.	S) DIODE SMD BAW56 D-SW SOT23
C388	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	D250	.001-10000-56.	S) DIODE SMD BAW56 D-SW SOT23
C394	.015-04100-04.	CAP CER 1206 1N 10% X7R 50V	D260	.001-10000-56.	S) DIODE SMD BAW56 D-SW SOT23
C396	.015-04100-04.	CAP CER 1206 1N 10% X7R 50V	D270	.001-10000-99.	S) DIODE SMD BAV99 D-SW SOT23
C399	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	D340	.001-10000-18.	S) DIODE SMD BAT18 S-SW SOT23
C503	.015-24470-08.	CAP CER 0805 4N7 10% X7R 50V	D350	.001-10000-18.	S) DIODE SMD BAT18 S-SW SOT23
C505	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	D360	.001-10000-18.	S) DIODE SMD BAT18 S-SW SOT23
C510	.015-25220-08.	CAP CER 0805 22N 10% X7R 50V	D610	.001-10000-99.	S) DIODE SMD BAV99 D-SW SOT23
C513	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	D620	.001-10000-70.	S) DIODE SMD BAV70 D-SW SOT23
C535	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	D630	.001-10000-70.	S) DIODE SMD BAV70 D-SW SOT23
C550	.014-08220-01.	(L)CAP TANT 22UF10V276MSER	D635	.001-10065-00.	DIODE BAT65 SCHOTTKEY SOD123
C605	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	D640	.001-10000-70.	S) DIODE SMD BAV70 D-SW SOT23
C610A	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	D710	.001-10000-99.	S) DIODE SMD BAV99 D-SW SOT23
C610B	.020-09100-04.	CAP ELE RA 100M 10V 6.3X9MM	D720	.001-10000-99.	S) DIODE SMD BAV99 D-SW SOT23
C611A	.020-09100-04.	CAP ELE RA 100M 10V 6.3X9MM	D730	.001-10065-00.	DIODE BAT65 SCHOTTKEY SOD123
C611B	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	D740	.001-10065-00.	DIODE BAT65 SCHOTTKEY SOD123
C623	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	D810	.001-10065-00.	DIODE BAT65 SCHOTTKEY SOD123
C625	.020-09470-07.	CAP CER 0805 4N7 10% X7R 50V	IC210	.002-10003-24.	S) IC SMD 324 4X O-AMP SO14
C626	.015-24470-08.	CAPEL470M16V20%V 8*20 3.5L.ESR	IC220	.002-10126-70.	S) IC SMD DS1267S10K 2XDIG POT
C628	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	IC230	.002-10003-24.	S) IC SMD 324 4X O-AMP SO14
C630	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	IC240	.002-10040-53.	S)JMC14053B SMD BREAK B4 MAKE
C631A	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	IC250	.002-00020-50.	S) IC 4N25A OPTOCOUPLER
C634	.014-08100-00.	CAP TANT CHIP 10M 16VW +20%	IC260	.002-10003-24.	S) IC SMD 324 4X O-AMP SO14
C636	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	IC330	.002-10003-58.	S) IC SMD LM358 DUAL O-AMP
C638	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	IC610	.002-00014-58.	S) IC 78L05 5V 100MA REG TO92
C640	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	IC630	.002-00014-62.	S) IC 317L 100MA REG 3TER TO92
C655	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	IC640	.002-10003-58.	S) IC SMD LM358 DUAL O-AMP
C660	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	IC650	.002-10012-32.	SMD DS1232LPS-2 LP RESET&W-D0G
C665	.025-08100-03.	CAP 10M 35V 20% TANT 5MM L/S	IC710	.002-74900-04.	S) IC SMD 74HC04D 6X INV BUFFD
C670	.025-07330-01.	CAP TANT BEAD 3M3 35V	IC720	.002-74910-04.	S) IC SMD 74HC04 6X INV
C673	.015-24470-08.	CAP CER 0805 4N7 10% X7R 50V	IC730	.002-10045-20.	S) IC SMD 74HC4520T 2XCTR 4BIT
C677	.014-07100-02.	CAP TANT CHIP 1U0 3.2 X 1.6MM	IC740	.002-14519-10.	S) IC MC145191F SMD SYNTH
C681	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	IC750	.002-10330-78.	S) IC MC33078D 2X AMP LO NOISE
C684	.014-08100-00.	CAP TANT CHIP 10M 16VW +20%	IC820	.002-12416-00.	S)IC SMD AT24C16N-10SC EEPROM
C687	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	IC830	.002-10003-24.	S) IC SMD 324 4X O-AMP SO14
C690	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	L335	.056-10330-02.	(L) IND SMD 330NH
C693	.014-08100-00.	CAP TANT CHIP 10M 16VW +20%	L340	.056-10330-02.	(L) IND SMD 330NH
C700	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	L345	.052-08130-15.	COIL A/W 1.5T/3.0MM HOR 0.8MM
C703	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	L355	.052-08145-35.	COIL A/W 3.5/4.5MM HOR 0.8MM
C705	.015-21820-01.	CAP CER 0805 6P2+1/4P NPO 50V	L360	.052-08145-15.	COIL A/W 1.5T/4.5MM HOR 0.8MM
C706	.015-22470-01.	CAP CER 0805 47P 5% NPO 50V	L365	.052-08130-15.	COIL A/W 1.5T/3.0MM HOR 0.8MM
C708	.014-07470-00.	CAP TANT CHIP 4U7 3.5 X 2.8MM	L370	.065-00010-08.	BEAD FERR 4S3 3*0.7*10MM RED
C709	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	L375	.065-10004-20.	BEAD FE SMD CBD 4.6/3/3-4S2
C710	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	L380	.052-08145-25.	COIL A/W 2.5T/4.5MM HOR 0.8MM
C712	.015-22470-01.	CAP CER 0805 47P 5% NPO 50V	L385	.052-08140-15.	COIL A/W 1.5T/4.0MM HOR 0.8MM
C720	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	L390	.056-10330-02.	(L) IND SMD 330NH
C722	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	L750	.056-10068-00.	IND FXD SMD 68NH 3.2*2.5*1.6
C724	.014-08220-01.	(L)CAP TANT 22UF10V276MSER	L910	.052-08135-25.	COIL A/W 2.5T/3.5MM HOR 0.8MM
C725	.014-08220-01.	(L)CAP TANT 22UF10V276MSER	L920	.052-08135-25.	COIL A/W 2.5T/3.5MM HOR 0.8MM
C726	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	LED1	.070-02001-00.	LED RED COMPL T800 RX/TX/EX
C727	.015-23220-01.	CAP CER 0805 220P 5% NPO 50V	LED2	.070-02002-00.	LED GREEN COMPL T800 RX/TX/EX
C729	.015-23220-01.	CAP CER 0805 220P 5% NPO 50V	No Ref	.070-01001-00.	D-RANGE 15 WAY COMPL T800
C735	.015-22470-01.	CAP CER 0805 47P 5% NPO 50V	No Ref	.206-00010-11.	COAX 50 OHM RG316-U PTFE
C736	.015-22470-01.	CAP CER 0805 47P 5% NPO 50V	No Ref	.220-01420-00.	PCB T867 SERIES II EXCITER
C740A	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	No Ref	.362-01101-00.	GASKET INSUL SIL PAD 2000 T05D
C740B	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	No Ref	.240-00100-43.	PLG COAX MINI PIN CRIMP 1.5D
C741A	.014-07470-00.	CAP TANT CHIP 4U7 3.5 X 2.8MM	No Ref	.002-08951-20.	S) IC AT89C51 PLCC44 MIC 12MHZ
C741B	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	No Ref	.X867VT30.	T860 TUNABLE VCO ASSEMBLY
C742A	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	No Ref	.365-01541-00.	LABEL TX/RX/EX TYPE APR/SER NO
C742B	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	No Ref	.365-00100-20.	LABEL WHITE S/A 28X11MM
C743	.015-22470-01.	CAP CER 0805 47P 5% NPO 50V	No Ref	.303-50078-00.	CLIP A4M2630 SPR. CABLE CLAMP
C745	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	No Ref	.362-00010-23.	GASKET SIL TO-220 CLIP MTG.
C750	.025-08100-03.	CAP 10M 35V 20% TANT 5MM L/S	No Ref	.353-00010-13.	WSHR M3 S/PROOF INT BZ
C757	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	No Ref	.352-00010-08.	NUT M3 COLD FORM HEX ST BZ
C759	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	No Ref	.240-04021-77.	SKT JACK 1.3 PCB MT 64W
C761	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	No Ref	.349-00020-36.	LIM)SCREW TT M3X8m PANTORX BLK
C762	.014-08220-01.	(L)CAP TANT 22UF10V276MSER	No Ref	.303-11169-04.	CHASSIS PAINTED T800 SER II
C764	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	No Ref	.303-23118-00.	COVER A3M2247 D RANGE T855/7
C765	.014-07470-00.	CAP TANT CHIP 4U7 3.5 X 2.8MM	No Ref	.303-50074-00.	CLIP A3M2246 SPRING CLAMP T857
C767	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	No Ref	.240-02100-06.	SKT COAX N TYPE PNL MTG OP-TER
C769	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	PL205	.240-00020-67.	HEADER 6W 2X3 PCB MTG STD
C770	.014-08220-01.	(L)CAP TANT 22UF10V276MSER	PL210	.240-00020-67.	HEADER 6W 2X3 PCB MTG STD
C772	.014-08220-01.	(L)CAP TANT 22UF10V276MSER	PL215	.240-00020-44.	HEADER 10W X2R PCB MTG 5*2
C774	.024-16220-02.	CAP METAL PPS 220N 10% 63V SMM	PL220	.240-00020-67.	HEADER 6W 2X3 PCB MTG STD
C776	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	Q210	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS
C782	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	Q220	.000-10008-17.	S) XSTR SMD BC817-25 NPN SOT23
C784	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	Q230	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS
C786	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	Q240	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS
C788	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	Q250	.000-10008-17.	S) XSTR SMD BC817-25 NPN SOT23
C790	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	Q260	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS
C792	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	Q270	.000-10004-10.	S) XSTR SMD MJD41C NPN SW DPAK
C810	.015-25470-08.	CAP CER 0805 47N 10% X7R 50V	Q305	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS
C812	.015-23100-01.	CAP CER 0805 100P 5% NPO 50V	Q310	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS
C813	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	Q315	.000-00012-15.	S) XSTR BD234 PNP AF PWR TO126
C822	.014-07470-00.	CAP TANT CHIP 4U7 3.5 X 2.8MM	Q320	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF
C823	.015-25220-08.	CAP CER 0805 22N 10% X7R 50V	Q325	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF
C824	.015-25470-08.	CAP CER 0805 47N 10% X7R 50V	Q330	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS
C826	.015-23220-01.	CAP CER 0805 220P 5% NPO 50V	Q335	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF
C827	.015-22330-01.	CAP CER 0805 33P 5% NPO 50V	Q340	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS
C828	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	Q345	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS
C830	.015-25470-08.	CAP CER 0805 47N 10% X7R 50V	Q365	.000-10038-66.	S) XSTR SMD MRF3866 S08
C838	.020-09100-04.	CAP ELE RA 100M 10V 6.3X9MM	Q370	.000-00022-30.	S) XSTR 2N4427 NPN T039 VHF DR
C841	.020-09100-04.	CAP ELE RA 100M 10V 6.3X9MM	Q510	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF
C844	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	Q520	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF

R706	.036-15150-00,	RES M/F 0805 15K 5%	R873	.036-15330-00,	RES M/F 0805 33K 5%
R708	.036-16100-00,	RES M/F 0805 100K 5%	R874	.036-14470-00,	RES M/F 0805 4K7 5%
R710	.036-13100-00,	RES M/F 0805 100E 5%	R875	.036-15470-00,	RES M/F 0805 47K 5%
R711	.036-13100-00,	RES M/F 0805 100E 5%	R876	.036-14470-00,	RES M/F 0805 4K7 5%
R712	.036-12100-00,	RES M/F 0805 10E 5%	R877	.036-14470-00,	RES M/F 0805 4K7 5%
R713	.036-12220-00,	RES M/F 0805 22E 5%	R879	.036-15100-00,	RES M/F 0805 10K 5%
R714	.036-12100-00,	RES M/F 0805 10E 5%	RV210	.040-05100-23,	POT 10K LOG PCB 15MM SLOT SFT
R717	.036-14270-00,	RES M/F 0805 2K7 5%	RV220	.042-05500-05,	RES PRESET SMD 50K CER 4MM SQ
R718	.036-16100-00,	RES M/F 0805 100K 5%	RV805	.042-05200-05,	RES PRESET SMD 20K CER 4MM SQ
R719	.036-16100-00,	RES M/F 0805 100K 5%	SK200	.240-10000-05,	CONN SMD SKT 8W 2R M-MATCH
R720	.036-15390-00,	RES M/F 0805 39K 5%	SK205	.240-02020-05,	SKT STEREO PHONE JACK PCB MTG
R721	.036-15100-00,	RES M/F 0805 10K 5%	SK310	.240-02100-44,	SKT COAX MINI JACK PCB MT ANG.
R722	.036-15100-00,	RES M/F 0805 10K 5%	SK420	.240-02100-44,	SKT COAX MINI JACK PCB MT ANG.
R723	.036-14270-00,	RES M/F 0805 2K7 5%	SK805	.240-10000-07,	CONN SMD SKT 16W 2R M-MATCH
R725	.036-15390-00,	RES M/F 0805 39K 5%	SK810	.240-04020-42,	SKT 44 PIN SMD PLCC
R727	.036-15100-00,	RES M/F 0805 10K 5%	SW101	.232-00020-26,	BUTTON 232-00010-26 SWITCH
R728	.036-15100-00,	RES M/F 0805 10K 5%	SW230	.232-00010-26,	SWITCH PUSH SPDT R-ANG PCB MTG
R734	.036-13470-00,	RES M/F 0805 470E 5%	T610	.050-00016-50,	COIL TAIT NO 650 455KHZ
R735	.036-13470-00,	RES M/F 0805 470E 5%	T86730	.036-15100-10,	RES M/F 0805 10K 1%
R736	.036-13470-00,	RES M/F 0805 470E 5%			
R742	.036-13150-00,	RES M/F 0805 150E 5%			
R743	.036-13150-00,	RES M/F 0805 150E 5%			
R744	.036-12220-00,	RES M/F 0805 22E 5%			
R746	.036-12220-00,	RES M/F 0805 22E 5%			
R747	.036-12220-00,	RES M/F 0805 22E 5%			
R748	.036-15470-00,	RES M/F 0805 47K 5%			
R749	.036-15470-00,	RES M/F 0805 47K 5%			
R750	.036-12220-00,	RES M/F 0805 22E 5%			
R752	.036-12220-00,	RES M/F 0805 22E 5%			
R753	.036-17100-00,	RES M/F 0805 1M 5%			
R754	.036-14100-00,	RES M/F 0805 1K 5%			
R756	.036-16470-00,	RES M/F 0805 470K 5%			
R757	.036-16470-00,	RES M/F 0805 470K 5%			
R758	.036-14120-00,	RES M/F 0805 1K2 5%			
R759	.036-13330-00,	RES M/F 0805 330E 5%			
R760	.036-13180-00,	RES M/F 0805 180E 5%			
R762	.036-13100-00,	RES M/F 0805 100E 5%			
R763	.036-13100-00,	RES M/F 0805 100E 5%			
R765	.036-13680-00,	RES M/F 0805 680E 5%			
R766	.036-14100-00,	RES M/F 0805 1K 5%			
R767	.036-13680-00,	RES M/F 0805 680E 5%			
R769	.036-13180-00,	RES M/F 0805 180E 5%			
R771	.036-14820-00,	RES M/F 0805 8K2 5%			
R772	.036-15220-00,	RES M/F 0805 22K 5%			
R774	.036-14820-00,	RES M/F 0805 8K2 5%			
R775	.036-14680-00,	RES M/F 0805 6K8 5%			
R777	.036-14220-00,	RES M/F 0805 2K2 5%			
R784	.036-12680-00,	RES M/F 0805 68E 5%			
R785	.036-14330-00,	RES M/F 0805 3K3 5%			
R786	.036-12100-00,	RES M/F 0805 10E 5%			
R787	.036-12100-00,	RES M/F 0805 10E 5%			
R790	.036-13220-00,	RES M/F 0805 220E 5%			
R791	.036-13100-00,	RES M/F 0805 100E 5%			
R792	.036-14100-00,	RES M/F 0805 1K 5%			
R801	.036-16150-00,	RES M/F 0805 150K 5%			
R802	.036-15470-00,	RES M/F 0805 47K 5%			
R808	.036-12100-00,	RES M/F 0805 10E 5%			
R809	.036-14470-00,	RES M/F 0805 4K7 5%			
R810	.036-14470-00,	RES M/F 0805 4K7 5%			
R811	.036-14470-00,	RES M/F 0805 4K7 5%			
R812	.036-14470-00,	RES M/F 0805 4K7 5%			
R813	.036-14470-00,	RES M/F 0805 4K7 5%			
R815	.036-15470-00,	RES M/F 0805 47K 5%			
R816	.036-16150-00,	RES M/F 0805 150K 5%			
R818	.036-14470-00,	RES M/F 0805 4K7 5%			
R819	.036-14470-00,	RES M/F 0805 4K7 5%			
R821	.036-15470-00,	RES M/F 0805 47K 5%			
R822	.036-15470-00,	RES M/F 0805 47K 5%			
R824	.036-14220-00,	RES M/F 0805 2K2 5%			
R825	.036-14220-00,	RES M/F 0805 2K2 5%			
R826	.036-14220-00,	RES M/F 0805 2K2 5%			
R827	.036-14220-00,	RES M/F 0805 2K2 5%			
R828	.036-14220-00,	RES M/F 0805 2K2 5%			
R829	.036-14220-00,	RES M/F 0805 2K2 5%			
R830	.036-14220-00,	RES M/F 0805 2K2 5%			
R831	.036-14220-00,	RES M/F 0805 2K2 5%			
R832	.036-14220-00,	RES M/F 0805 2K2 5%			
R833	.036-14220-00,	RES M/F 0805 2K2 5%			
R835	.036-14220-00,	RES M/F 0805 2K2 5%			
R836	.036-14220-00,	RES M/F 0805 2K2 5%			
R837	.036-14220-00,	RES M/F 0805 2K2 5%			
R840	.036-14220-00,	RES M/F 0805 2K2 5%			
R841	.036-14220-00,	RES M/F 0805 2K2 5%			
R842	.036-14220-00,	RES M/F 0805 2K2 5%			
R843	.036-14220-00,	RES M/F 0805 2K2 5%			
R845	.036-13470-00,	RES M/F 0805 470E 5%			
R846	.036-13470-00,	RES M/F 0805 470E 5%			
R847	.036-13470-00,	RES M/F 0805 470E 5%			
R848	.036-14470-00,	RES M/F 0805 4K7 5%			
R850	.036-13470-00,	RES M/F 0805 470E 5%			
R853	.036-14470-00,	RES M/F 0805 4K7 5%			
R854	.036-14470-00,	RES M/F 0805 4K7 5%			
R855	.036-14470-00,	RES M/F 0805 4K7 5%			
R859	.036-16150-00,	RES M/F 0805 150K 5%			
R861	.036-16150-00,	RES M/F 0805 150K 5%			
R863	.036-16150-00,	RES M/F 0805 150K 5%			
R865	.036-16100-00,	RES M/F 0805 100K 5%			
R867	.036-16100-00,	RES M/F 0805 100K 5%			
R871	.036-15470-00,	RES M/F 0805 47K 5%			
R872	.036-14470-00,	RES M/F 0805 4K7 5%			



C370	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V	C910	.015-02100-06,	CAP CER 1210 10P NPO500VGRM42
C373	.015-25470-08,	CAP CER 0805 47N 10% X7R 50V	C920	.015-02180-06,	CAP CER 1210 18P NPO500VGRM42
C376	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V	C930	.015-02100-06,	CAP CER 1210 10P NPO500VGRM42
C379	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V	D111	.001-00012-30,	S) DIODE 6A6 MR756 6A/600V
C382	.015-21560-01,	CAP CER 0805 5P6+-1/4P NPO 50V	D220	.001-10000-99,	S) DIODE SMD BAV99 D-SW SOT23
C383	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V	D230	.001-00010-40,	S) DIODE ZENER 33V 1.3W
C385	.020-07470-04,	CAP ELE RA 4M7 25V 20%8X13 SOL	D240	.001-10000-56,	S) DIODE SMD BAW56 D-SW SOT23
C388	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V	D250	.001-10000-56,	S) DIODE SMD BAW56 D-SW SOT23
C394	.015-04100-04,	CAP CER 1206 1N 10% X7R 50V	D260	.001-10000-56,	S) DIODE SMD BAW56 D-SW SOT23
C396	.015-04100-04,	CAP CER 1206 1N 10% X7R 50V	D270	.001-10000-99,	S) DIODE SMD BAV99 D-SW SOT23
C399	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V	D340	.001-10000-18,	S) DIODE SMD BAT18 S-SW SOT23
C503	.015-24470-08,	CAP CER 0805 4N7 10% X7R 50V	D350	.001-10000-18,	S) DIODE SMD BAT18 S-SW SOT23
C505	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V	D360	.001-10000-18,	S) DIODE SMD BAT18 S-SW SOT23
C510	.015-25220-08,	CAP CER 0805 22N 10% X7R 50V	D610	.001-10000-99,	S) DIODE SMD BAV99 D-SW SOT23
C513	.015-25100-08,	CAP CER 0805 10N 10% X7R 50V	D620	.001-10000-70,	S) DIODE SMD BAV70 D-SW SOT23
C535	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V	D630	.001-10000-70,	S) DIODE SMD BAV70 D-SW SOT23
C550	.014-08220-01,	(L)CAP TANT 22UF10V276MSER	D635	.001-10065-00,	S) DIODE BAT65 SCHOTTKEY SOD123
C605	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V	D640	.001-10000-70,	S) DIODE SMD BAV70 D-SW SOT23
C610A	.015-25100-08,	CAP CER 0805 10N 10% X7R 50V	D710	.001-10000-99,	S) DIODE SMD BAV99 D-SW SOT23
C610B	.020-09100-04,	CAP ELE RA 100M 10V 6.3X9MM	D720	.001-10000-99,	S) DIODE SMD BAV99 D-SW SOT23
C611A	.020-09100-04,	CAP ELE RA 100M 10V 6.3X9MM	D730	.001-10065-00,	DIODE BAT65 SCHOTTKEY SOD123
C611B	.015-25100-08,	CAP CER 0805 10N 10% X7R 50V	D740	.001-10065-00,	DIODE BAT65 SCHOTTKEY SOD123
C623	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V	D810	.001-10065-00,	DIODE BAT65 SCHOTTKEY SOD123
C625	.020-09470-07,	CAPEL470M16V20%V 8*20 3.5L ESR	IC210	.002-10003-24,	S) IC SMD DS1267S10K 2XDIG POT
C626	.015-24470-08,	CAP CER 0805 4N7 10% X7R 50V	IC220	.002-10126-70,	S) IC SMD 324 4X O-AMP S014
C628	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V	IC230	.002-10003-24,	S)MC14053B SMD BREAK B4 MAKE
C630	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V	IC240	.002-10040-53,	S) IC 4N25A OPTOCOUPLER
C631A	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V	IC250	.002-00020-50,	S) IC SMD 324 4X O-AMP S014
C634	.014-08100-00,	CAP TANT CHIP 10M 16VW +20%	IC260	.002-10003-24,	S) IC SMD LM358 DUAL O-AMP
C636	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V	IC330	.002-10003-58,	S) IC 78L05 5V 100MA REG TO92
C638	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V	IC610	.002-00014-58,	S) IC 317L 100MA REG 3TER TO92
C640	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V	IC630	.002-00014-62,	S) IC SMD LM358 DUAL O-AMP
C655	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V	IC640	.002-10003-58,	SMD DS1232LPS-2 LP RESET&W-DOG
C660	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V	IC650	.002-10012-32,	S) IC SMD 74HC04D 6X INV BUFFD
C665	.025-08100-03,	CAP 10M 35V 20% TANT 5MM L/S	IC710	.002-74900-04,	S) IC SMD 74HCU04 6X INV
C670	.025-07330-01,	CAP TANT BEAD 3M3 35V	IC720	.002-74910-04,	S) IC SMD 74HC4520T 2XCTR 4BIT
C673	.015-24470-08,	CAP CER 0805 4N7 10% X7R 50V	IC730	.002-10045-20,	S) IC MC145191F SMD SYNTH
C677	.014-07100-02,	CAP TANT CHIP 1U0 3.2 X 1.6MM	IC740	.002-14519-10,	S) IC MC33078D 2X AMP LO NOISE
C681	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V	IC750	.002-10330-78,	S)IC SMD AT24C16N-10SC EEPROM
C684	.014-08100-00,	CAP TANT CHIP 10M 16VW +20%	IC820	.002-12416-00,	S) IC SMD 324 4X O-AMP S014
C687	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V	IC830	.002-10003-24,	(L) IND SMD 330NH
C690	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V	L335	.056-10330-02,	(L) IND SMD 330NH
C693	.014-08100-00,	CAP TANT CHIP 10M 16VW +20%	L340	.056-10330-02,	COIL A/W 1.5T/3.0MM HOR 0.8MM
C700	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V	L345	.052-08130-15,	COIL A/W 3.5/4.5MM HOR 0.8MM
C703	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V	L355	.052-08145-15,	COIL A/W 1.5T/4.5MM HOR 0.8MM
C705	.015-21820-01,	CAP CER 0805 8P2+-1/4P NPO 50V	L360	.052-08130-15,	BEAD FERR 453 3*0.7*10MM RED
C706	.015-22470-01,	CAP CER 0805 47P 5% NPO 50V	L365	.065-00010-08,	BEAD FE SMD CBD 4.6/3/3-452
C708	.014-07470-00,	CAP TANT CHIP 4U7 3.5 X 2.8MM	L370	.052-08145-25,	COIL A/W 2.5T/4.5MM HOR 0.8MM
C709	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V	L375	.052-08140-15,	COIL A/W 1.5T/4.0MM HOR 0.8MM
C710	.015-25100-08,	CAP CER 0805 10N 10% X7R 50V	L380	.056-10330-02,	(L) IND SMD 330NH
C712	.015-22470-01,	CAP CER 0805 47P 5% NPO 50V	L385	.056-10068-00,	IND FXD SMD 68NH 3.2*2.5*1.6
C720	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V	L390	.052-08135-25,	COIL A/W 2.5T/3.5MM HOR 0.8MM
C722	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V	L750	.052-08135-25,	COIL A/W 2.5T/3.5MM HOR 0.8MM
C724	.014-08220-01,	(L)CAP TANT 22UF10V276MSER	L910	.070-02001-00,	LED RED COMPL T800 RX/TX/EX
C725	.014-08220-01,	(L)CAP TANT 22UF10V276MSER	L920	.070-02002-00,	LED GREEN COMPL T800 RX/TX/EX
C726	.015-25100-08,	CAP CER 0805 10N 10% X7R 50V	LED1	.240-04021-77,	SKT JACK 1.3 PCB MT 64W
C727	.015-23220-01,	CAP CER 0805 220P 5% NPO 50V	No Ref	.240-00100-43,	PLG COAX MINI PIN CRIMP 1.5D
C729	.015-23220-01,	CAP CER 0805 220P 5% NPO 50V	No Ref	.240-02100-06,	SKT COAX N TYPE PNL MTG OP-TER
C735	.015-22470-01,	CAP CER 0805 47P 5% NPO 50V	No Ref	.303-50078-00,	CLIP A4M2630 SPR. CABLE CLAMP
C736	.015-22470-01,	CAP CER 0805 47P 5% NPO 50V	No Ref	.303-11169-04,	CHASSIS PAINTED T800 SER II
C740A	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V	No Ref	.303-23118-00,	COVER A3M2247 D RANGE T855/7
C740B	.015-25100-08,	CAP CER 0805 10N 10% X7R 50V	No Ref	.206-00010-11,	COAX 50 OHM RG316-U PTFE
C741A	.014-07470-00,	CAP TANT CHIP 4U7 3.5 X 2.8MM	No Ref	.070-01001-00,	D-RANGE 15 WAY COMPL T800
C741B	.015-25100-08,	CAP CER 0805 10N 10% X7R 50V	No Ref	.002-08951-20,	S) IC AT89C51 PLCC44 MIC 12MHZ
C742A	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V	No Ref	.362-00010-23,	GASKET SIL TO-220 CLIP MTG.
C742B	.015-25100-08,	CAP CER 0805 10N 10% X7R 50V	No Ref	.X867VT30,	T860 TUNABLE VCO ASSEMBLY
C743	.015-22470-01,	CAP CER 0805 47P 5% NPO 50V	No Ref	.365-00100-20,	LABEL WHITE S/A 28X11MM
C745	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V	No Ref	.362-01101-00,	GASKET INSUL SIL PAD 2000 T05
C750	.025-08100-03,	CAP 10M 35V 20% TANT 5MM L/S	No Ref	.220-01420-00,	PCB T867 SERIES II EXCITER
C757	.015-25100-08,	CAP CER 0805 10N 10% X7R 50V	No Ref	.365-01541-00,	LABEL TX/RX/EX TYPE APR/SER NO
C759	.015-25100-08,	CAP CER 0805 10N 10% X7R 50V	No Ref	.303-50074-00,	CLIP A3M2246 SPRING CLAMP T857
C761	.015-25100-08,	CAP CER 0805 10N 10% X7R 50V	No Ref	.353-00010-13,	WSHR M3 S/PROOF INT BZ
C762	.014-08220-01,	(L)CAP TANT 22UF10V276MSER	No Ref	.352-00010-08,	NUT M3 COLD FORM HEX ST BZ
C764	.015-25100-08,	CAP CER 0805 10N 10% X7R 50V	No Ref	.349-00020-36,	LIM)SCREW TT M3X8m PANTORX BLK
C765	.014-07470-00,	CAP TANT CHIP 4U7 3.5 X 2.8MM	PL205	.240-00020-67,	HEADER 6W 2X3 PCB MTG STD
C767	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V	PL210	.240-00020-67,	HEADER 6W 2X3 PCB MTG STD
C769	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V	PL215	.240-00020-44,	HEADER 10W X2R PCB MTG 5*2
C770	.014-08220-01,	(L)CAP TANT 22UF10V276MSER	PL220	.240-00020-67,	HEADER 6W 2X3 PCB MTG STD
C772	.014-08220-01,	(L)CAP TANT 22UF10V276MSER	Q210	.000-10008-48,	S) XSTR SMD BCW60 NPN SOT23 SS
C774	.024-16220-02,	CAP METAL PPS 220N 10% 63V 5MM	Q220	.000-10008-17,	S) XSTR SMD BC817-25 NPN SOT23
C776	.015-25100-08,	CAP CER 0805 10N 10% X7R 50V	Q230	.000-10008-48,	S) XSTR SMD BCW60 NPN SOT23 SS
C782	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V	Q240	.000-10008-48,	S) XSTR SMD BCW60 NPN SOT23 SS
C784	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V	Q250	.000-10008-17,	S) XSTR SMD BC817-25 NPN SOT23
C786	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V	Q260	.000-10008-57,	S) XSTR SMD BCW70 PNP SOT23 SS
C788	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V	Q270	.000-10004-10,	S) XSTR SMD MJD41C NPN SW DPAC
C790	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V	Q305	.000-10008-48,	S) XSTR SMD BCW60 NPN SOT23 SS
C792	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V	Q310	.000-10008-48,	S) XSTR SMD BCW60 NPN SOT23 SS
C810	.015-25470-08,	CAP CER 0805 47N 10% X7R 50V	Q315	.000-00012-15,	S) XSTR BD234 PNP AF PWR TO 126
C812	.015-23100-01,	CAP CER 0805 100P 5% NPO 50V	Q320	.000-10008-07,	S) XSTR SMD BC807 PNP SOT23 AF
C813	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V	Q325	.000-10008-07,	S) XSTR SMD BC807 PNP SOT23 AF
C822	.014-07470-00,	CAP TANT CHIP 4U7 3.5 X 2.8MM	Q330	.000-10008-57,	S) XSTR SMD BCW70 PNP SOT23 SS
C823	.015-25220-08,	CAP CER 0805 22N 10% X7R 50V	Q335	.000-10008-07,	S) XSTR SMD BC807 PNP SOT23 AF
C824	.015-25470-08,	CAP CER 0805 47N 10% X7R 50V	Q340	.000-10008-48,	S) XSTR SMD BCW60 NPN SOT23 SS
C826	.015-23220-01,	CAP CER 0805 220P 5% NPO 50V	Q345	.000-10008-48,	S) XSTR SMD BCW60 NPN SOT23 SS
C827	.015-22330-01,	CAP CER 0805 33P 5% NPO 50V	Q365	.000-10038-66,	S) XSTR SMD MRF3868 S08
C828	.015-25100-08,	CAP CER 0805 10N 10% X7R 50V	Q370	.000-00022-30,	S) XSTR 2N4427 NPN TO39 VHF DR
C830	.015-25470-08,	CAP CER 0805 47N 10% X7R 50V	Q510	.000-10008-07,	S) XSTR SMD BC807 PNP SOT23 AF
C838	.020-09100-04,	CAP ELE RA 100M 10V 6.3X9MM	Q520	.000-10008-07,	S) XSTR SMD BC807 PNP SOT23 AF
C841	.020-09100-04,	CAP ELE RA 100M 10V 6.3X9MM			
C844	.015-25100-08,	CAP CER 0805 10N 10% X7R 50V			

R706	.036-15150-00,	RES M/F 0805 15K 5%	R873	.036-15330-00,	RES M/F 0805 33K 5%
R708	.036-16100-00,	RES M/F 0805 100K 5%	R874	.036-14470-00,	RES M/F 0805 4K7 5%
R710	.036-13100-00,	RES M/F 0805 100E 5%	R875	.036-15470-00,	RES M/F 0805 47K 5%
R711	.036-13100-00,	RES M/F 0805 100E 5%	R876	.036-14470-00,	RES M/F 0805 4K7 5%
R712	.036-12100-00,	RES M/F 0805 10E 5%	R877	.036-14470-00,	RES M/F 0805 4K7 5%
R713	.036-12220-00,	RES M/F 0805 22E 5%	R879	.036-15100-00,	RES M/F 0805 10K 5%
R714	.036-12100-00,	RES M/F 0805 10E 5%	RV210	.040-05100-23,	POT 10K LOG PCB 15MM SLOT SFT
R717	.036-14270-00,	RES M/F 0805 2K7 5%	RV220	.042-05500-05,	RES PRESET SMD 50K CER 4MM SQ
R718	.036-16100-00,	RES M/F 0805 100K 5%	RV805	.042-05200-05,	RES PRESET SMD 20K CER 4MM SQ
R719	.036-16100-00,	RES M/F 0805 100K 5%	SK200	.240-10000-05,	CONN SMD SKT 8W 2R M-MATCH
R720	.036-15390-00,	RES M/F 0805 39K 5%	SK205	.240-02020-05,	SKT STEREO PHONE JACK PCB MTG
R721	.036-15100-00,	RES M/F 0805 10K 5%	SK310	.240-02100-44,	SKT COAX MINI JACK PCB MT ANG.
R722	.036-15100-00,	RES M/F 0805 10K 5%	SK420	.240-02100-44,	SKT COAX MINI JACK PCB MT ANG.
R723	.036-14270-00,	RES M/F 0805 2K7 5%	SK805	.240-10000-07,	CONN SMD SKT 16W 2R M-MATCH
R725	.036-15390-00,	RES M/F 0805 39K 5%	SK810	.240-04020-42,	SKT 44 PIN SMD PLCC
R727	.036-15100-00,	RES M/F 0805 10K 5%	SW101	.232-00020-26,	BUTTON 232-00010-26 SWITCH
R728	.036-15100-00,	RES M/F 0805 10K 5%	SW230	.232-00010-26,	SWITCH PUSH SPDT R-ANG PCB MTG
R734	.036-13470-00,	RES M/F 0805 470E 5%	T610	.050-00016-50,	COIL TAIT NO 650 455KHZ
R735	.036-13470-00,	RES M/F 0805 470E 5%	T86725	.036-15100-10,	RES M/F 0805 10K 1%
R736	.036-13470-00,	RES M/F 0805 470E 5%			
R742	.036-13150-00,	RES M/F 0805 150E 5%			
R743	.036-13150-00,	RES M/F 0805 150E 5%			
R744	.036-12220-00,	RES M/F 0805 22E 5%			
R746	.036-12220-00,	RES M/F 0805 22E 5%			
R747	.036-12220-00,	RES M/F 0805 22E 5%			
R748	.036-15470-00,	RES M/F 0805 47K 5%			
R749	.036-15470-00,	RES M/F 0805 47K 5%			
R750	.036-12220-00,	RES M/F 0805 22E 5%			
R752	.036-12220-00,	RES M/F 0805 22E 5%			
R753	.036-17100-00,	RES M/F 0805 1M 5%			
R754	.036-14100-00,	RES M/F 0805 1K 5%			
R756	.036-16470-00,	RES M/F 0805 470K 5%			
R757	.036-16470-00,	RES M/F 0805 470K 5%			
R758	.036-14120-00,	RES M/F 0805 1K2 5%			
R759	.036-13330-00,	RES M/F 0805 330E 5%			
R760	.036-13180-00,	RES M/F 0805 180E 5%			
R762	.036-13100-00,	RES M/F 0805 100E 5%			
R763	.036-13100-00,	RES M/F 0805 100E 5%			
R765	.036-13680-00,	RES M/F 0805 680E 5%			
R766	.036-14100-00,	RES M/F 0805 1K 5%			
R767	.036-13680-00,	RES M/F 0805 680E 5%			
R769	.036-13180-00,	RES M/F 0805 180E 5%			
R771	.036-14820-00,	RES M/F 0805 8K2 5%			
R772	.036-15220-00,	RES M/F 0805 22K 5%			
R774	.036-14820-00,	RES M/F 0805 8K2 5%			
R775	.036-14680-00,	RES M/F 0805 6K8 5%			
R777	.036-14220-00,	RES M/F 0805 2K2 5%			
R784	.036-12680-00,	RES M/F 0805 68E 5%			
R785	.036-14330-00,	RES M/F 0805 3K3 5%			
R786	.036-12100-00,	RES M/F 0805 10E 5%			
R787	.036-12100-00,	RES M/F 0805 10E 5%			
R790	.036-13220-00,	RES M/F 0805 220E 5%			
R791	.036-13100-00,	RES M/F 0805 100E 5%			
R792	.036-14100-00,	RES M/F 0805 1K 5%			
R801	.036-16150-00,	RES M/F 0805 150K 5%			
R802	.036-15470-00,	RES M/F 0805 47K 5%			
R806	.036-12100-00,	RES M/F 0805 10E 5%			
R809	.036-14470-00,	RES M/F 0805 4K7 5%			
R810	.036-14470-00,	RES M/F 0805 4K7 5%			
R811	.036-14470-00,	RES M/F 0805 4K7 5%			
R812	.036-14470-00,	RES M/F 0805 4K7 5%			
R813	.036-14470-00,	RES M/F 0805 4K7 5%			
R815	.036-15470-00,	RES M/F 0805 47K 5%			
R816	.036-16150-00,	RES M/F 0805 150K 5%			
R818	.036-14470-00,	RES M/F 0805 4K7 5%			
R819	.036-14470-00,	RES M/F 0805 4K7 5%			
R821	.036-15470-00,	RES M/F 0805 47K 5%			
R822	.036-15470-00,	RES M/F 0805 47K 5%			
R824	.036-14220-00,	RES M/F 0805 2K2 5%			
R825	.036-14220-00,	RES M/F 0805 2K2 5%			
R826	.036-14220-00,	RES M/F 0805 2K2 5%			
R827	.036-14220-00,	RES M/F 0805 2K2 5%			
R828	.036-14220-00,	RES M/F 0805 2K2 5%			
R829	.036-14220-00,	RES M/F 0805 2K2 5%			
R830	.036-14220-00,	RES M/F 0805 2K2 5%			
R831	.036-14220-00,	RES M/F 0805 2K2 5%			
R832	.036-14220-00,	RES M/F 0805 2K2 5%			
R833	.036-14220-00,	RES M/F 0805 2K2 5%			
R835	.036-14220-00,	RES M/F 0805 2K2 5%			
R836	.036-14220-00,	RES M/F 0805 2K2 5%			
R837	.036-14220-00,	RES M/F 0805 2K2 5%			
R840	.036-14220-00,	RES M/F 0805 2K2 5%			
R841	.036-14220-00,	RES M/F 0805 2K2 5%			
R842	.036-14220-00,	RES M/F 0805 2K2 5%			
R843	.036-14220-00,	RES M/F 0805 2K2 5%			
R845	.036-13470-00,	RES M/F 0805 470E 5%			
R846	.036-13470-00,	RES M/F 0805 470E 5%			
R847	.036-13470-00,	RES M/F 0805 470E 5%			
R848	.036-14470-00,	RES M/F 0805 4K7 5%			
R850	.036-13470-00,	RES M/F 0805 470E 5%			
R853	.036-14470-00,	RES M/F 0805 4K7 5%			
R854	.036-14470-00,	RES M/F 0805 4K7 5%			
R855	.036-14470-00,	RES M/F 0805 4K7 5%			
R859	.036-16150-00,	RES M/F 0805 150K 5%			
R861	.036-16150-00,	RES M/F 0805 150K 5%			
R863	.036-16150-00,	RES M/F 0805 150K 5%			
R865	.036-16100-00,	RES M/F 0805 100K 5%			
R867	.036-16100-00,	RES M/F 0805 100K 5%			
R871	.036-15470-00,	RES M/F 0805 47K 5%			
R872	.036-14470-00,	RES M/F 0805 4K7 5%			

C370	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	C910	.015-02100-06.	CAP CER 1210 10P NPO500VGRM42
C373	.015-25470-08.	CAP CER 0805 47N 10% X7R 50V	C920	.015-02180-06.	CAP CER 1210 18P NPO500VGRM42
C376	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	C930	.015-02100-06.	CAP CER 1210 10P NPO500VGRM42
C379	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	D111	.001-00012-30.	S) DIODE GA6 MR756 6A/600V
C382	.015-21560-01.	CAP CER 0805 5P6+ 1/4P NPO 50V	D220	.001-10000-99.	S) DIODE SMD BAV99 D-SW SOT23
C383	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	D230	.001-00010-40.	S) DIODE ZENER 33V 1.3W
C385	.020-07470-04.	CAP ELE RA 4M7 25V 20%8X13 SOL	D240	.001-10000-56.	S) DIODE SMD BAW56 D-SW SOT23
C388	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	D250	.001-10000-56.	S) DIODE SMD BAW56 D-SW SOT23
C394	.015-04100-04.	CAP CER 1206 1N 10% X7R 50V	D260	.001-10000-56.	S) DIODE SMD BAW56 D-SW SOT23
C396	.015-04100-04.	CAP CER 1206 1N 10% X7R 50V	D270	.001-10000-99.	S) DIODE SMD BAV99 D-SW SOT23
C399	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	D340	.001-10000-18.	S) DIODE SMD BAT18 S-SW SOT23
C503	.015-24470-08.	CAP CER 0805 4N7 10% X7R 50V	D350	.001-10000-18.	S) DIODE SMD BAT18 S-SW SOT23
C505	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	D360	.001-10000-18.	S) DIODE SMD BAT18 S-SW SOT23
C510	.015-25220-08.	CAP CER 0805 22N 10% X7R 50V	D610	.001-10000-99.	S) DIODE SMD BAV99 D-SW SOT23
C513	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	D620	.001-10000-70.	S) DIODE SMD BAV70 D-SW SOT23
C535	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	D630	.001-10000-70.	S) DIODE SMD BAV70 D-SW SOT23
C550	.014-08220-01.	(L)CAP TANT 22UF10V276MSER	D635	.001-10065-00.	DIODE BAT65 SCHOTTKEY SOD123
C605	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	D640	.001-10000-70.	S) DIODE SMD BAV70 D-SW SOT23
C610A	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	D710	.001-10000-99.	S) DIODE SMD BAV99 D-SW SOT23
C610B	.020-09100-04.	CAP ELE RA 100M 10V 6.3X9MM	D720	.001-10000-99.	S) DIODE SMD BAV99 D-SW SOT23
C611A	.020-09100-04.	CAP ELE RA 100M 10V 6.3X9MM	D730	.001-10065-00.	DIODE BAT65 SCHOTTKEY SOD123
C611B	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	D740	.001-10065-00.	DIODE BAT65 SCHOTTKEY SOD123
C623	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	D810	.001-10065-00.	DIODE BAT65 SCHOTTKEY SOD123
C625	.020-09470-07.	CAPEL470M16V20%V 8*20 3.5L.ESR	IC210	.002-10003-24.	S) IC SMD 324 4X O-AMP SO14
C626	.015-24470-08.	CAP CER 0805 4N7 10% X7R 50V	IC220	.002-10126-70.	S) IC SMD DS126T510K 2XDIG POT
C628	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	IC230	.002-10003-24.	S) IC SMD 324 4X O-AMP SO14
C630	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	IC240	.002-10040-53.	S)MC14053B SMD BREAK B4 MAKE
C631A	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	IC250	.002-00020-50.	S) IC 4N25A OPTOCOUPLER
C634	.014-08100-00.	CAP TANT CHIP 10M 16VW +20%	IC260	.002-10003-24.	S) IC SMD 324 4X O-AMP SO14
C636	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	IC330	.002-10003-58.	S) IC SMD LM358 DUAL O-AMP
C638	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	IC610	.002-00014-58.	S) IC 78L05 5V 100MA REG TO92
C640	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	IC630	.002-00014-62.	S) IC 317L 100MA REG 3TER TO92
C655	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	IC640	.002-10003-58.	S) IC SMD LM358 DUAL O-AMP
C660	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	IC650	.002-10012-32.	SMD DS1232LPS-2 LP RESET&W-D0G
C665	.025-08100-03.	CAP 10M 35V 20% TANT 5MM L/S	IC710	.002-74900-04.	S) IC SMD 74HC04D 6X INV BUFFD
C670	.025-07330-01.	CAP TANT BEAD 3M3 35V	IC720	.002-74910-04.	S) IC SMD 74HCU04 6X INV
C673	.015-24470-08.	CAP CER 0805 4N7 10% X7R 50V	IC730	.002-10045-20.	S) IC SMD 74HC4520T 2XCTR 4BIT
C677	.014-07100-02.	CAP TANT CHIP 1U0 3.2 X 1.6MM	IC740	.002-14519-10.	S) IC MC145191F SMD SYNTH
C681	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	IC750	.002-10330-78.	S) IC MC33078D 2X AMP LO NOISE
C684	.014-08100-00.	CAP TANT CHIP 10M 16VW +20%	IC820	.002-12416-00.	S)IC SMD AT24C16N-10SC EEPROM
C687	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	IC830	.002-10003-24.	S) IC SMD 324 4X O-AMP SO14
C690	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	L335	.056-10330-02.	(L) IND SMD 330NH
C693	.014-08100-00.	CAP TANT CHIP 10M 16VW +20%	L340	.056-10330-02.	(L) IND SMD 330NH
C700	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	L345	.052-08130-15.	COIL AAW 1.5T/3.0MM HOR 0.8MM
C703	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	L355	.052-08145-35.	COIL AAW 3.5/4.5MM HOR 0.8MM
C705	.015-21820-01.	CAP CER 0805 8P2+ 1/4P NPO 50V	L360	.052-08145-15.	COIL AAW 1.5T/4.5MM HOR 0.8MM
C706	.015-22470-01.	CAP CER 0805 47P 5% NPO 50V	L365	.052-08130-15.	COIL AAW 1.5T/3.0MM HOR 0.8MM
C708	.014-07470-00.	CAP TANT CHIP 4U7 3.5 X 2.8MM	L370	.065-00010-08.	BEAD FERR 4S3 3*0.7*10MM RED
C709	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	L375	.065-10004-20.	BEAD FE SMD CBD 4.6/3/3-4S2
C710	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	L380	.052-08145-25.	COIL AAW 2.5T/4.5MM HOR 0.8MM
C712	.015-22470-01.	CAP CER 0805 47P 5% NPO 50V	L385	.052-08140-15.	COIL AAW 1.5T/4.0MM HOR 0.8MM
C720	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	L390	.056-10330-02.	(L) IND SMD 330NH
C722	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	L750	.056-10068-00.	IND FXD SMD 68NH 3.2*2.5*1.6
C724	.014-08220-01.	(L)CAP TANT 22UF10V276MSER	L910	.052-08135-25.	COIL AAW 2.5T/3.5MM HOR 0.8MM
C725	.014-08220-01.	(L)CAP TANT 22UF10V276MSER	L920	.052-08135-25.	COIL AAW 2.5T/3.5MM HOR 0.8MM
C726	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	LED1	.070-02001-00.	LED RED COMPL T800 RX/TX/EX
C727	.015-23220-01.	CAP CER 0805 220P 5% NPO 50V	LED2	.070-02002-00.	LED GREEN COMPL T800 RX/TX/EX
C729	.015-23220-01.	CAP CER 0805 220P 5% NPO 50V	No Ref	.240-04021-77.	SKT JACK 1.3 PCB MT 64W
C735	.015-22470-01.	CAP CER 0805 47P 5% NPO 50V	No Ref	.240-00100-43.	PLG COAX MINI PIN CRIMP 1.5D
C736	.015-22470-01.	CAP CER 0805 47P 5% NPO 50V	No Ref	.240-02100-06.	SKT COAX N TYPE PNL MTG OP-TER
C740A	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	No Ref	.303-50078-00.	CLIP A4M2630 SPR. CABLE CLAMP
C740B	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	No Ref	.303-11169-04.	CHASSIS PAINTED T800 SER II
C741A	.014-07470-00.	CAP TANT CHIP 4U7 3.5 X 2.8MM	No Ref	.303-23118-00.	COVER A3M2247 D RANGE T855/7
C741B	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	No Ref	.206-00010-11.	COAX 50 OHM RG316-U PTFE
C742A	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	No Ref	.070-01001-00.	D-RANGE 15 WAY COMPL T800
C742B	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	No Ref	.002-08951-20.	S) IC AT89C51 PLCC44 MIC 12MHZ
C743	.015-22470-01.	CAP CER 0805 47P 5% NPO 50V	No Ref	.362-00010-23.	GASKET SIL TO-220 CLIP MTG.
C745	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	No Ref	.X867VT20.	T860 TUNABLE VCO ASSEMBLY
C750	.025-08100-03.	CAP 10M 35V 20% TANT 5MM L/S	No Ref	.365-00100-20.	LABEL WHITE S/A 28X11MM
C757	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	No Ref	.362-01101-00.	GASKET INSUL SIL PAD 2000 TO5
C759	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	No Ref	.220-01420-00.	PCB T867 SERIES II EXCITER
C761	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	No Ref	.365-01541-00.	LABEL TX/RX/EX TYPE APR/SER NO
C762	.014-08220-01.	(L)CAP TANT 22UF10V276MSER	No Ref	.303-50074-00.	CLIP A3M2246 SPRING CLAMP T857
C764	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	No Ref	.353-00010-13.	WSHR M3 S/PROOF INT BZ
C765	.014-07470-00.	CAP TANT CHIP 4U7 3.5 X 2.8MM	No Ref	.352-00010-08.	NUT M3 COLD FORM HEX ST BZ
C767	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	No Ref	.349-00020-36.	LIM)SCREW TT M3X8m PANTORX BLK
C769	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	PL205	.240-00020-67.	HEADER 6W 2X3 PCB MTG STD
C770	.014-08220-01.	(L)CAP TANT 22UF10V276MSER	PL210	.240-00020-67.	HEADER 6W 2X3 PCB MTG STD
C772	.014-08220-01.	(L)CAP TANT 22UF10V276MSER	PL215	.240-00020-44.	HEADER 10W X2R PCB MTG 5*2
C774	.024-16220-02.	CAP METAL PPS 220N 10% 63V 5MM	PL220	.240-00020-67.	HEADER 6W 2X3 PCB MTG STD
C776	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	Q210	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS
C782	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	Q220	.000-10008-17.	S) XSTR SMD BC817-25 NPN SOT23
C784	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	Q230	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS
C786	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	Q240	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS
C788	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	Q250	.000-10008-17.	S) XSTR SMD BC817-25 NPN SOT23
C790	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	Q260	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS
C792	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	Q270	.000-10004-10.	S) XSTR SMD MJD41C PNP SW DPAK
C810	.015-25470-08.	CAP CER 0805 47N 10% X7R 50V	Q305	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS
C812	.015-23100-01.	CAP CER 0805 100P 5% NPO 50V	Q310	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS
C813	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	Q315	.000-00012-15.	S) XSTR BD234 PNP AF PWR TO126
C822	.014-07470-00.	CAP TANT CHIP 4U7 3.5 X 2.8MM	Q320	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF
C823	.015-25220-08.	CAP CER 0805 22N 10% X7R 50V	Q325	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF
C824	.015-25470-08.	CAP CER 0805 47N 10% X7R 50V	Q330	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS
C826	.015-23220-01.	CAP CER 0805 220P 5% NPO 50V	Q335	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF
C827	.015-22330-01.	CAP CER 0805 33P 5% NPO 50V	Q340	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS
C828	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	Q345	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS
C830	.015-25470-08.	CAP CER 0805 47N 10% X7R 50V	Q365	.000-10038-66.	S) XSTR SMD MRF3866 S08
C838	.020-09100-04.	CAP ELE RA 100M 10V 6.3X9MM	Q370	.000-00022-30.	S) XSTR 2N4427 NPN TO39 VHF DR
C841	.020-09100-04.	CAP ELE RA 100M 10V 6.3X9MM	Q510	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF
C844	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	Q520	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF

R706	.036-15150-00,	RES M/F 0805 15K 5%	R873	.036-15330-00,	RES M/F 0805 33K 5%
R708	.036-16100-00,	RES M/F 0805 100K 5%	R874	.036-14470-00,	RES M/F 0805 4K7 5%
R710	.036-13100-00,	RES M/F 0805 100E 5%	R875	.036-15470-00,	RES M/F 0805 47K 5%
R711	.036-13100-00,	RES M/F 0805 100E 5%	R876	.036-14470-00,	RES M/F 0805 4K7 5%
R712	.036-12100-00,	RES M/F 0805 10E 5%	R877	.036-14470-00,	RES M/F 0805 4K7 5%
R713	.036-12220-00,	RES M/F 0805 22E 5%	R879	.036-15100-00,	RES M/F 0805 10K 5%
R714	.036-12100-00,	RES M/F 0805 10E 5%	RV210	.040-05100-23,	POT 10K LOG PCB 15MM SLOT SFT
R717	.036-14270-00,	RES M/F 0805 2K7 5%	RV220	.042-05500-05,	RES PRESET SMD 50K CER 4MM SQ
R718	.036-16100-00,	RES M/F 0805 100K 5%	RV805	.042-05200-05,	RES PRESET SMD 20K CER 4MM SQ
R719	.036-16100-00,	RES M/F 0805 100K 5%	SK200	.240-10000-05,	CONN SMD SKT 8W 2R M-MATCH
R720	.036-15390-00,	RES M/F 0805 39K 5%	SK205	.240-02020-05,	SKT STEREO PHONE JACK PCB MTG
R721	.036-15100-00,	RES M/F 0805 10K 5%	SK310	.240-02100-44,	SKT COAX MINI JACK PCB MT ANG.
R722	.036-15100-00,	RES M/F 0805 10K 5%	SK420	.240-02100-44,	SKT COAX MINI JACK PCB MT ANG.
R723	.036-14270-00,	RES M/F 0805 2K7 5%	SK805	.240-10000-07,	CONN SMD SKT 16W 2R M-MATCH
R725	.036-15390-00,	RES M/F 0805 39K 5%	SK810	.240-04020-42,	SKT 44 PIN SMD PLCC
R727	.036-15100-00,	RES M/F 0805 10K 5%	SW101	.232-00020-26,	BUTTON 232-00010-26 SWITCH
R728	.036-15100-00,	RES M/F 0805 10K 5%	SW230	.232-00010-26,	SWITCH PUSH SPDT R-ANG PCB MTG
R734	.036-13470-00,	RES M/F 0805 470E 5%	T610	.050-00016-50,	COIL TAIT NO 650 455KHZ
R735	.036-13470-00,	RES M/F 0805 470E 5%	T86720	.036-15100-10,	RES M/F 0805 10K 1%
R736	.036-13470-00,	RES M/F 0805 470E 5%			
R742	.036-13150-00,	RES M/F 0805 150E 5%			
R743	.036-13150-00,	RES M/F 0805 150E 5%			
R744	.036-12220-00,	RES M/F 0805 22E 5%			
R746	.036-12220-00,	RES M/F 0805 22E 5%			
R747	.036-12220-00,	RES M/F 0805 22E 5%			
R748	.036-15470-00,	RES M/F 0805 47K 5%			
R749	.036-15470-00,	RES M/F 0805 47K 5%			
R750	.036-12220-00,	RES M/F 0805 22E 5%			
R752	.036-12220-00,	RES M/F 0805 22E 5%			
R753	.036-17100-00,	RES M/F 0805 1M 5%			
R754	.036-14100-00,	RES M/F 0805 1K 5%			
R756	.036-16470-00,	RES M/F 0805 470K 5%			
R757	.036-16470-00,	RES M/F 0805 470K 5%			
R758	.036-14120-00,	RES M/F 0805 1K2 5%			
R759	.036-13330-00,	RES M/F 0805 330E 5%			
R760	.036-13180-00,	RES M/F 0805 180E 5%			
R762	.036-13100-00,	RES M/F 0805 100E 5%			
R763	.036-13100-00,	RES M/F 0805 100E 5%			
R765	.036-13680-00,	RES M/F 0805 680E 5%			
R766	.036-14100-00,	RES M/F 0805 1K 5%			
R767	.036-13680-00,	RES M/F 0805 680E 5%			
R769	.036-13180-00,	RES M/F 0805 180E 5%			
R771	.036-14820-00,	RES M/F 0805 8K2 5%			
R772	.036-15220-00,	RES M/F 0805 22K 5%			
R774	.036-14820-00,	RES M/F 0805 8K2 5%			
R775	.036-14680-00,	RES M/F 0805 6K8 5%			
R777	.036-14220-00,	RES M/F 0805 2K2 5%			
R784	.036-12680-00,	RES M/F 0805 68E 5%			
R785	.036-14330-00,	RES M/F 0805 3K3 5%			
R786	.036-12100-00,	RES M/F 0805 10E 5%			
R787	.036-12100-00,	RES M/F 0805 10E 5%			
R790	.036-13220-00,	RES M/F 0805 220E 5%			
R791	.036-13100-00,	RES M/F 0805 100E 5%			
R792	.036-14100-00,	RES M/F 0805 1K 5%			
R801	.036-16150-00,	RES M/F 0805 150K 5%			
R802	.036-15470-00,	RES M/F 0805 47K 5%			
R808	.036-12100-00,	RES M/F 0805 10E 5%			
R809	.036-14470-00,	RES M/F 0805 4K7 5%			
R810	.036-14470-00,	RES M/F 0805 4K7 5%			
R811	.036-14470-00,	RES M/F 0805 4K7 5%			
R812	.036-14470-00,	RES M/F 0805 4K7 5%			
R813	.036-14470-00,	RES M/F 0805 4K7 5%			
R815	.036-15470-00,	RES M/F 0805 47K 5%			
R816	.036-16150-00,	RES M/F 0805 150K 5%			
R818	.036-14470-00,	RES M/F 0805 4K7 5%			
R819	.036-14470-00,	RES M/F 0805 4K7 5%			
R821	.036-15470-00,	RES M/F 0805 47K 5%			
R822	.036-15470-00,	RES M/F 0805 47K 5%			
R824	.036-14220-00,	RES M/F 0805 2K2 5%			
R825	.036-14220-00,	RES M/F 0805 2K2 5%			
R826	.036-14220-00,	RES M/F 0805 2K2 5%			
R827	.036-14220-00,	RES M/F 0805 2K2 5%			
R828	.036-14220-00,	RES M/F 0805 2K2 5%			
R829	.036-14220-00,	RES M/F 0805 2K2 5%			
R830	.036-14220-00,	RES M/F 0805 2K2 5%			
R831	.036-14220-00,	RES M/F 0805 2K2 5%			
R832	.036-14220-00,	RES M/F 0805 2K2 5%			
R833	.036-14220-00,	RES M/F 0805 2K2 5%			
R835	.036-14220-00,	RES M/F 0805 2K2 5%			
R836	.036-14220-00,	RES M/F 0805 2K2 5%			
R837	.036-14220-00,	RES M/F 0805 2K2 5%			
R840	.036-14220-00,	RES M/F 0805 2K2 5%			
R841	.036-14220-00,	RES M/F 0805 2K2 5%			
R842	.036-14220-00,	RES M/F 0805 2K2 5%			
R843	.036-14220-00,	RES M/F 0805 2K2 5%			
R845	.036-13470-00,	RES M/F 0805 470E 5%			
R846	.036-13470-00,	RES M/F 0805 470E 5%			
R847	.036-13470-00,	RES M/F 0805 470E 5%			
R848	.036-14470-00,	RES M/F 0805 4K7 5%			
R850	.036-13470-00,	RES M/F 0805 470E 5%			
R853	.036-14470-00,	RES M/F 0805 4K7 5%			
R854	.036-14470-00,	RES M/F 0805 4K7 5%			
R855	.036-14470-00,	RES M/F 0805 4K7 5%			
R859	.036-16150-00,	RES M/F 0805 150K 5%			
R861	.036-16150-00,	RES M/F 0805 150K 5%			
R863	.036-16150-00,	RES M/F 0805 150K 5%			
R865	.036-16100-00,	RES M/F 0805 100K 5%			
R867	.036-16100-00,	RES M/F 0805 100K 5%			
R871	.036-15470-00,	RES M/F 0805 47K 5%			
R872	.036-14470-00,	RES M/F 0805 4K7 5%			

C370	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	C910	.015-02100-06.	CAP CER 1210 10P NPO500VGRM42
C373	.015-25470-08.	CAP CER 0805 47N 10% X7R 50V	C920	.015-02180-06.	CAP CER 1210 18P NPO500VGRM42
C376	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	C930	.015-02100-06.	CAP CER 1210 10P NPO500VGRM42
C379	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	D111	.001-00012-30.	S) DIODE 6A6 MR756 6A/600V
C382	.015-21560-01.	CAP CER 0805 5P6+-1/4P NPO 50V	Q220	.001-10000-99.	S) DIODE SMD BAV99 D-SW SOT23
C383	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	D230	.001-00010-40.	S) DIODE ZENER 33V 1.3W
C385	.020-07470-04.	CAP ELE RA 4M7 25V 20%8X13 SOL	D240	.001-10000-56.	S) DIODE SMD BAW56 D-SW SOT23
C388	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	D250	.001-10000-56.	S) DIODE SMD BAW56 D-SW SOT23
C394	.015-04100-04.	CAP CER 1206 1N 10% X7R 50V	D260	.001-10000-56.	S) DIODE SMD BAW56 D-SW SOT23
C396	.015-04100-04.	CAP CER 1206 1N 10% X7R 50V	D270	.001-10000-99.	S) DIODE SMD BAV99 D-SW SOT23
C399	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	D340	.001-10000-18.	S) DIODE SMD BAT18 S-SW SOT23
C503	.015-24470-08.	CAP CER 0805 4N7 10% X7R 50V	D350	.001-10000-18.	S) DIODE SMD BAT18 S-SW SOT23
C505	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	D360	.001-10000-18.	S) DIODE SMD BAT18 S-SW SOT23
C510	.015-25220-08.	CAP CER 0805 22N 10% X7R 50V	D610	.001-10000-99.	S) DIODE SMD BAV99 D-SW SOT23
C513	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	D620	.001-10000-70.	S) DIODE SMD BAV70 D-SW SOT23
C535	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	D630	.001-10000-70.	S) DIODE SMD BAV70 D-SW SOT23
C550	.014-08220-01.	(L)CAP TANT 22UF10V276MSER	D635	.001-10065-00.	DIODE BAT65 SCHOTTKEY SOD123
C605	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	D640	.001-10000-70.	S) DIODE SMD BAV70 D-SW SOT23
C610A	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	D710	.001-10000-99.	S) DIODE SMD BAV99 D-SW SOT23
C610B	.020-09100-04.	CAP ELE RA 100M 10V 6.3X9MM	D720	.001-10000-99.	S) DIODE SMD BAV99 D-SW SOT23
C611A	.020-09100-04.	CAP ELE RA 100M 10V 6.3X9MM	D730	.001-10065-00.	DIODE BAT65 SCHOTTKEY SOD123
C611B	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	D740	.001-10065-00.	DIODE BAT65 SCHOTTKEY SOD123
C623	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	D810	.001-10065-00.	DIODE BAT65 SCHOTTKEY SOD123
C625	.020-09470-07.	CAPEL470M16V20%V 8*20 3.5L.ESR	IC210	.002-10003-24.	S) IC SMD 324 4X O-AMP SO14
C626	.015-24470-08.	CAP CER 0805 4N7 10% X7R 50V	IC220	.002-10126-70.	S) IC SMD DS1267S10K 2XDIG POT
C628	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	IC230	.002-10003-24.	S) IC SMD 324 4X O-AMP SO14
C630	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	IC240	.002-10040-53.	S)MC14053B SMD BREAK B4 MAKE
C631A	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	IC250	.002-00020-50.	S) IC 4N25A OPTOCOUPLER
C634	.014-08100-00.	CAP TANT CHIP 10M 16VW +20%	IC260	.002-10003-24.	S) IC SMD 324 4X O-AMP SO14
C636	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	IC330	.002-10003-58.	S) IC SMD LM358 DUAL O-AMP
C638	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	IC610	.002-00014-58.	S) IC 78L05 5V 100MA REG TO92
C640	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	IC630	.002-00014-62.	S) IC 317L 100MA REG 3TER TO92
C655	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	IC640	.002-10003-58.	S) IC SMD LM358 DUAL O-AMP
C660	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	IC650	.002-10012-32.	SMD DS1232LPS-2 LP RESET&W-D0G
C665	.025-08100-03.	CAP 10M 35V 20% TANT 5MM L/S	IC710	.002-74900-04.	S) IC SMD 74HC04D 6X INV BUFFD
C670	.025-07330-01.	CAP TANT BEAD 3M3 35V	IC720	.002-74910-04.	S) IC SMD 74HC04 6X INV
C673	.015-24470-08.	CAP CER 0805 4N7 10% X7R 50V	IC730	.002-10045-20.	S) IC SMD 74HC4520T 2XCTR 4BIT
C677	.014-07100-02.	CAP TANT CHIP 1U0 3.2 X 1.6MM	IC740	.002-14519-10.	S) IC MC145191F SMD SYNTH
C681	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	IC750	.002-10330-78.	S) IC MC33078D 2X AMP LO NOISE
C684	.014-08100-00.	CAP TANT CHIP 10M 16VW +20%	IC820	.002-12416-00.	S)IC SMD AT24C16N-10SC EEPROM
C687	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	IC830	.002-10003-24.	S) IC SMD 324 4X O-AMP SO14
C690	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	L335	.056-10330-02.	(L) IND SMD 330NH
C693	.014-08100-00.	CAP TANT CHIP 10M 16VW +20%	L340	.056-10330-02.	(L) IND SMD 330NH
C700	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	L345	.052-08130-15.	COIL AAW 1.5T/3.0MM HOR 0.8MM
C703	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	L355	.052-08145-35.	COIL AAW 3.5/4.5MM HOR 0.8MM
C705	.015-21820-01.	CAP CER 0805 8P2+-1/4P NPO 50V	L360	.052-08145-15.	COIL AAW 1.5T/4.5MM HOR 0.8MM
C706	.015-22470-01.	CAP CER 0805 47P 5% NPO 50V	L365	.052-08130-15.	COIL AAW 1.5T/3.0MM HOR 0.8MM
C708	.014-07470-00.	CAP TANT CHIP 4U7 3.5 X 2.8MM	L370	.065-00010-08.	BEAD FERR 4S3 3*0.7*10MM RED
C709	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	L375	.065-10004-20.	BEAD FE SMD CBD 4.6/3/3-452
C710	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	L380	.052-08145-25.	COIL AAW 2.5T/4.5MM HOR 0.8MM
C712	.015-22470-01.	CAP CER 0805 47P 5% NPO 50V	L385	.052-08140-15.	COIL AAW 1.5T/4.0MM HOR 0.8MM
C720	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	L390	.056-10330-02.	(L) IND SMD 330NH
C722	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	L750	.056-10068-00.	IND FXD SMD 68NH 3.2*2.5*1.6
C724	.014-08220-01.	(L)CAP TANT 22UF10V276MSER	L910	.052-08135-25.	COIL AAW 2.5T/3.5MM HOR 0.8MM
C725	.014-08220-01.	(L)CAP TANT 22UF10V276MSER	L920	.052-08135-25.	COIL AAW 2.5T/3.5MM HOR 0.8MM
C726	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	LED1	.070-02001-00.	LED RED COMPL T800 RX/TX/EX
C727	.015-23220-01.	CAP CER 0805 220P 5% NPO 50V	LED2	.070-02002-00.	LED GREEN COMPL T800 RX/TX/EX
C729	.015-23220-01.	CAP CER 0805 220P 5% NPO 50V	No Ref	.240-04021-77.	SKT JACK 1.3 PCB MT 64W
C735	.015-22470-01.	CAP CER 0805 47P 5% NPO 50V	No Ref	.240-00100-43.	PLG COAX MINI PIN CRIMP 1.5D
C736	.015-22470-01.	CAP CER 0805 47P 5% NPO 50V	No Ref	.240-02100-06.	SKT COAX N TYPE PNL MTG OP-TER
C740A	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	No Ref	.303-50078-00.	CLIP A4M2630 SPR. CABLE CLAMP
C740B	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	No Ref	.303-11169-04.	CHASSIS PAINTED T800 SER II
C741A	.014-07470-00.	CAP TANT CHIP 4U7 3.5 X 2.8MM	No Ref	.303-23118-00.	COVER A3M2247 D RANGE TB8557
C741B	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	No Ref	.206-00010-11.	COAX 50 OHM RG316-U PTFE
C742A	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	No Ref	.070-01001-00.	D-RANGE 15 WAY COMPL T800
C742B	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	No Ref	.002-08951-20.	S) IC AT89C51 PLCC44 MIC 12MHZ
C743	.015-22470-01.	CAP CER 0805 47P 5% NPO 50V	No Ref	.362-00010-23.	GASKET SIL TO-220 CLIP MTG.
C745	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	No Ref	.X867VT20.	T860 TUNABLE VCO ASSEMBLY
C750	.025-08100-03.	CAP 10M 35V 20% TANT 5MM L/S	No Ref	.365-00100-20.	LABEL WHITE S/A 28X11MM
C757	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	No Ref	.362-01101-00.	GASKET INSUL SIL PAD 2000 T05
C759	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	No Ref	.220-01420-00.	PCB T867 SERIES II EXCITER
C761	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	No Ref	.365-01541-00.	LABEL TX/RX/EX TYPE APR/SER NO
C762	.014-08220-01.	(L)CAP TANT 22UF10V276MSER	No Ref	.303-50074-00.	CLIP A3M2246 SPRING CLAMP T857
C764	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	No Ref	.353-00010-13.	WSHR M3 S/PROOF INT BZ
C765	.014-07470-00.	CAP TANT CHIP 4U7 3.5 X 2.8MM	No Ref	.352-00010-08.	NUT M3 COLD FORM HEX ST BZ
C767	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	No Ref	.349-00020-36.	LIM)SCREW TT M3X8m PANTORX BLK
C769	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	PL205	.240-00020-67.	HEADER 6W 2X3 PCB MTG STD
C770	.014-08220-01.	(L)CAP TANT 22UF10V276MSER	PL210	.240-00020-67.	HEADER 6W 2X3 PCB MTG STD
C772	.014-08220-01.	(L)CAP TANT 22UF10V276MSER	PL215	.240-00020-44.	HEADER 10W X2R PCB MTG 5*2
C774	.024-16220-02.	CAP METAL PPS 220N 10% 63V 5MM	PL220	.240-00020-67.	HEADER 6W 2X3 PCB MTG STD
C776	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	Q210	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS
C782	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	Q220	.000-10008-17.	S) XSTR SMD BC817-25 NPN SOT23
C784	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	Q230	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS
C786	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	Q240	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS
C788	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	Q250	.000-10008-17.	S) XSTR SMD BC817-25 NPN SOT23
C790	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	Q260	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS
C792	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	Q270	.000-10004-10.	S) XSTR SMD MJD41C NPN SW DPAK
C810	.015-25470-08.	CAP CER 0805 47N 10% X7R 50V	Q305	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS
C812	.015-23100-01.	CAP CER 0805 100P 5% NPO 50V	Q310	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS
C813	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	Q315	.000-00012-15.	S) XSTR BD234 PNP AF PWR TO126
C822	.014-07470-00.	CAP TANT CHIP 4U7 3.5 X 2.8MM	Q320	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF
C823	.015-25220-08.	CAP CER 0805 22N 10% X7R 50V	Q325	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF
C824	.015-25470-08.	CAP CER 0805 47N 10% X7R 50V	Q330	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS
C826	.015-23220-01.	CAP CER 0805 220P 5% NPO 50V	Q335	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF
C827	.015-22330-01.	CAP CER 0805 33P 5% NPO 50V	Q340	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS
C828	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	Q345	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS
C830	.015-25470-08.	CAP CER 0805 47N 10% X7R 50V	Q365	.000-10038-66.	S) XSTR SMD MRF3866 S08
C838	.020-09100-04.	CAP ELE RA 100M 10V 6.3X9MM	Q370	.000-00022-30.	S) XSTR 2N4427 NPN T039 VHF DR
C841	.020-09100-04.	CAP ELE RA 100M 10V 6.3X9MM	Q510	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF
C844	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	Q520	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF

R706	.036-15150-00.	RES M/F 0805 15K 5%	R873	.036-15330-00.	RES M/F 0805 33K 5%
R708	.036-16100-00.	RES M/F 0805 100K 5%	R874	.036-14470-00.	RES M/F 0805 4K7 5%
R710	.036-13100-00.	RES M/F 0805 100E 5%	R875	.036-15470-00.	RES M/F 0805 47K 5%
R711	.036-13100-00.	RES M/F 0805 100E 5%	R876	.036-14470-00.	RES M/F 0805 4K7 5%
R712	.036-12100-00.	RES M/F 0805 10E 5%	R877	.036-14470-00.	RES M/F 0805 4K7 5%
R713	.036-12220-00.	RES M/F 0805 22E 5%	R879	.036-15100-00.	RES M/F 0805 10K 5%
R714	.036-12100-00.	RES M/F 0805 10E 5%	RV210	.040-05100-23.	POT 10K LOG PCB 15MM SLOT SFT
R717	.036-14270-00.	RES M/F 0805 2K7 5%	RV220	.042-05500-05.	RES PRESET SMD 50K CER 4MM SQ
R718	.036-16100-00.	RES M/F 0805 100K 5%	RV805	.042-05200-05.	RES PRESET SMD 20K CER 4MM SQ
R719	.036-16100-00.	RES M/F 0805 100K 5%	SK200	.240-10000-05.	CONN SMD SKT 8W 2R M-MATCH
R720	.036-15390-00.	RES M/F 0805 39K 5%	SK205	.240-02020-05.	SKT STEREO PHONE JACK PCB MTG
R721	.036-15100-00.	RES M/F 0805 10K 5%	SK310	.240-02100-44.	SKT COAX MINI JACK PCB MT ANG.
R722	.036-15100-00.	RES M/F 0805 10K 5%	SK420	.240-02100-44.	SKT COAX MINI JACK PCB MT ANG.
R723	.036-14270-00.	RES M/F 0805 2K7 5%	SK805	.240-10000-07.	CONN SMD SKT 16W 2R M-MATCH
R725	.036-15390-00.	RES M/F 0805 39K 5%	SK810	.240-04020-42.	SKT 44 PIN SMD PLCC
R727	.036-15100-00.	RES M/F 0805 10K 5%	SW101	.232-00020-26.	BUTTON 232-00010-26 SWITCH
R728	.036-15100-00.	RES M/F 0805 10K 5%	SW230	.232-00010-26.	SWITCH PUSH SPDT R-ANG PCB MTG
R734	.036-13470-00.	RES M/F 0805 470E 5%	T610	.050-00016-50.	COIL TAIT NO 650 455KHZ
R735	.036-13470-00.	RES M/F 0805 470E 5%	T86715	.036-15100-10.	RES M/F 0805 10K 1%
R736	.036-13470-00.	RES M/F 0805 470E 5%			
R742	.036-13150-00.	RES M/F 0805 150E 5%			
R743	.036-13150-00.	RES M/F 0805 150E 5%			
R744	.036-12220-00.	RES M/F 0805 22E 5%			
R746	.036-12220-00.	RES M/F 0805 22E 5%			
R747	.036-12220-00.	RES M/F 0805 22E 5%			
R748	.036-15470-00.	RES M/F 0805 47K 5%			
R749	.036-15470-00.	RES M/F 0805 47K 5%			
R750	.036-12220-00.	RES M/F 0805 22E 5%			
R752	.036-12220-00.	RES M/F 0805 22E 5%			
R753	.036-17100-00.	RES M/F 0805 1M 5%			
R754	.036-14100-00.	RES M/F 0805 1K 5%			
R756	.036-16470-00.	RES M/F 0805 470K 5%			
R757	.036-16470-00.	RES M/F 0805 470K 5%			
R758	.036-14120-00.	RES M/F 0805 1K2 5%			
R759	.036-13330-00.	RES M/F 0805 330E 5%			
R760	.036-13180-00.	RES M/F 0805 180E 5%			
R762	.036-13100-00.	RES M/F 0805 100E 5%			
R763	.036-13100-00.	RES M/F 0805 100E 5%			
R765	.036-13680-00.	RES M/F 0805 680E 5%			
R766	.036-14100-00.	RES M/F 0805 1K 5%			
R767	.036-13680-00.	RES M/F 0805 680E 5%			
R769	.036-13180-00.	RES M/F 0805 180E 5%			
R771	.036-14820-00.	RES M/F 0805 8K2 5%			
R772	.036-15220-00.	RES M/F 0805 22K 5%			
R774	.036-14820-00.	RES M/F 0805 8K2 5%			
R775	.036-14680-00.	RES M/F 0805 6K8 5%			
R777	.036-14220-00.	RES M/F 0805 2K2 5%			
R784	.036-12680-00.	RES M/F 0805 68E 5%			
R785	.036-14330-00.	RES M/F 0805 3K3 5%			
R786	.036-12100-00.	RES M/F 0805 10E 5%			
R787	.036-12100-00.	RES M/F 0805 10E 5%			
R790	.036-13220-00.	RES M/F 0805 220E 5%			
R791	.036-13100-00.	RES M/F 0805 100E 5%			
R792	.036-14100-00.	RES M/F 0805 1K 5%			
R801	.036-16150-00.	RES M/F 0805 150K 5%			
R802	.036-15470-00.	RES M/F 0805 47K 5%			
R808	.036-12100-00.	RES M/F 0805 10E 5%			
R809	.036-14470-00.	RES M/F 0805 4K7 5%			
R810	.036-14470-00.	RES M/F 0805 4K7 5%			
R811	.036-14470-00.	RES M/F 0805 4K7 5%			
R812	.036-14470-00.	RES M/F 0805 4K7 5%			
R813	.036-14470-00.	RES M/F 0805 4K7 5%			
R815	.036-15470-00.	RES M/F 0805 47K 5%			
R816	.036-16150-00.	RES M/F 0805 150K 5%			
R818	.036-14470-00.	RES M/F 0805 4K7 5%			
R819	.036-14470-00.	RES M/F 0805 4K7 5%			
R821	.036-15470-00.	RES M/F 0805 47K 5%			
R822	.036-15470-00.	RES M/F 0805 47K 5%			
R824	.036-14220-00.	RES M/F 0805 2K2 5%			
R825	.036-14220-00.	RES M/F 0805 2K2 5%			
R826	.036-14220-00.	RES M/F 0805 2K2 5%			
R827	.036-14220-00.	RES M/F 0805 2K2 5%			
R828	.036-14220-00.	RES M/F 0805 2K2 5%			
R829	.036-14220-00.	RES M/F 0805 2K2 5%			
R830	.036-14220-00.	RES M/F 0805 2K2 5%			
R831	.036-14220-00.	RES M/F 0805 2K2 5%			
R832	.036-14220-00.	RES M/F 0805 2K2 5%			
R833	.036-14220-00.	RES M/F 0805 2K2 5%			
R835	.036-14220-00.	RES M/F 0805 2K2 5%			
R836	.036-14220-00.	RES M/F 0805 2K2 5%			
R837	.036-14220-00.	RES M/F 0805 2K2 5%			
R840	.036-14220-00.	RES M/F 0805 2K2 5%			
R841	.036-14220-00.	RES M/F 0805 2K2 5%			
R842	.036-14220-00.	RES M/F 0805 2K2 5%			
R843	.036-14220-00.	RES M/F 0805 2K2 5%			
R845	.036-13470-00.	RES M/F 0805 470E 5%			
R846	.036-13470-00.	RES M/F 0805 470E 5%			
R847	.036-13470-00.	RES M/F 0805 470E 5%			
R848	.036-14470-00.	RES M/F 0805 4K7 5%			
R850	.036-13470-00.	RES M/F 0805 470E 5%			
R853	.036-14470-00.	RES M/F 0805 4K7 5%			
R854	.036-14470-00.	RES M/F 0805 4K7 5%			
R855	.036-14470-00.	RES M/F 0805 4K7 5%			
R859	.036-16150-00.	RES M/F 0805 150K 5%			
R861	.036-16150-00.	RES M/F 0805 150K 5%			
R863	.036-16150-00.	RES M/F 0805 150K 5%			
R865	.036-16100-00.	RES M/F 0805 100K 5%			
R867	.036-16100-00.	RES M/F 0805 100K 5%			
R871	.036-15470-00.	RES M/F 0805 47K 5%			
R872	.036-14470-00.	RES M/F 0805 4K7 5%			

C370	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V	C910	.015-02100-06,	CAP CER 1210 10P NPO500VGRM42
C373	.015-25470-08,	CAP CER 0805 47N 10% X7R 50V	C920	.015-02180-06,	CAP CER 1210 18P NPO500VGRM42
C376	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V	C930	.015-02100-06,	CAP CER 1210 10P NPO500VGRM42
C379	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V	D111	.001-00012-30,	S) DIODE 6A6 MR756 6A/600V
C382	.015-21560-01,	CAP CER 0805 5P6+-1/4P NPO 50V	D220	.001-10000-99,	S) DIODE SMD BAV99 D-SW SOT23
C383	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V	D230	.001-00010-40,	S) DIODE ZENER 33V 1.3W
C385	.020-07470-04,	CAP ELE RA 4M7 25V 20%8X13 SOL	D240	.001-10000-56,	S) DIODE SMD BAW56 D-SW SOT23
C388	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V	D250	.001-10000-56,	S) DIODE SMD BAW56 D-SW SOT23
C394	.015-04100-04,	CAP CER 1206 1N 10% X7R 50V	D260	.001-10000-56,	S) DIODE SMD BAW56 D-SW SOT23
C396	.015-04100-04,	CAP CER 1206 1N 10% X7R 50V	D270	.001-10000-99,	S) DIODE SMD BAV99 D-SW SOT23
C399	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V	D340	.001-10000-18,	S) DIODE SMD BAT18 S-SW SOT23
C503	.015-24470-08,	CAP CER 0805 4N7 10% X7R 50V	D350	.001-10000-18,	S) DIODE SMD BAT18 S-SW SOT23
C505	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V	D360	.001-10000-18,	S) DIODE SMD BAT18 S-SW SOT23
C510	.015-25220-08,	CAP CER 0805 22N 10% X7R 50V	D610	.001-10000-99,	S) DIODE SMD BAV99 D-SW SOT23
C513	.015-25100-08,	CAP CER 0805 10N 10% X7R 50V	D620	.001-10000-70,	S) DIODE SMD BAV70 D-SW SOT23
C535	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V	D630	.001-10000-70,	S) DIODE SMD BAV70 D-SW SOT23
C550	.014-08220-01,	(L)CAP TANT 22UF10V276MSER	D635	.001-10065-00,	DIODE BAT65 SCHOTTKEY SOD123
C605	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V	D640	.001-10000-70,	S) DIODE SMD BAV70 D-SW SOT23
C610A	.015-25100-08,	CAP CER 0805 10N 10% X7R 50V	D710	.001-10000-99,	S) DIODE SMD BAV99 D-SW SOT23
C610B	.020-09100-04,	CAP ELE RA 100M 10V 6.3X9MM	D720	.001-10000-99,	S) DIODE SMD BAV99 D-SW SOT23
C611A	.020-09100-04,	CAP ELE RA 100M 10V 6.3X9MM	D730	.001-10065-00,	DIODE BAT65 SCHOTTKEY SOD123
C611B	.015-25100-08,	CAP CER 0805 10N 10% X7R 50V	D740	.001-10065-00,	DIODE BAT65 SCHOTTKEY SOD123
C623	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V	D810	.001-10065-00,	DIODE BAT65 SCHOTTKEY SOD123
C625	.020-09470-07,	CAPEL470M16V20%V 8*20 3.5L.ESR	IC210	.002-10003-24,	S) IC SMD 324 4X O-AMP SO14
C626	.015-24470-08,	CAP CER 0805 4N7 10% X7R 50V	IC220	.002-10126-70,	S) IC SMD DS1267510K 2XDIG POT
C628	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V	IC230	.002-10003-24,	S) IC SMD 324 4X O-AMP SO14
C630	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V	IC240	.002-10040-53,	S)MC140538 SMD BREAK B4 MAKE
C631A	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V	IC250	.002-00020-50,	S) IC 4N25A OPTOCOUPLER
C634	.014-08100-00,	CAP TANT CHIP 10M 16VW +-20%	IC260	.002-10003-24,	S) IC SMD 324 4X O-AMP SO14
C636	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V	IC330	.002-10003-58,	S) IC SMD LM358 DUAL O-AMP
C638	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V	IC610	.002-00014-58,	S) IC 78L05 5V 100MA REG T092
C640	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V	IC630	.002-00014-62,	S) IC 317L 100MA REG 3TER T092
C655	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V	IC640	.002-10003-58,	S) IC SMD LM358 DUAL O-AMP
C660	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V	IC650	.002-10012-32,	SMD DS1232LPS-2 LP RESET&W-DIG
C665	.025-08100-03,	CAP 10M 35V 20% TANT 5MM L/S	IC710	.002-74900-04,	S) IC SMD 74HC04D 6X INV BUFFD
C670	.025-07330-01,	CAP TANT BEAD 3M3 35V	IC720	.002-74910-04,	S) IC SMD 74HCU04 6X INV
C673	.015-24470-08,	CAP CER 0805 4N7 10% X7R 50V	IC730	.002-10045-20,	S) IC SMD 74HC4520T 2XCTR 4BIT
C677	.014-07100-02,	CAP TANT CHIP 1U0 3.2 X 1.6MM	IC740	.002-14519-10,	S) IC MC145191F SMD SYNTH
C681	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V	IC750	.002-10330-78,	S) IC MC33078D 2X AMP LO NOISE
C684	.014-08100-00,	CAP TANT CHIP 10M 16VW +-20%	IC820	.002-12416-00,	S)IC SMD AT24C16N-10SC EEPROM
C687	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V	IC830	.002-10003-24,	S) IC SMD 324 4X O-AMP SO14
C690	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V	L335	.056-10330-02,	(L) IND SMD 330NH
C693	.014-08100-00,	CAP TANT CHIP 10M 16VW +-20%	L340	.056-10330-02,	(L) IND SMD 330NH
C700	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V	L345	.052-08130-15,	COIL A/W 1.5T/3.0MM HOR 0.8MM
C703	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V	L355	.052-08145-35,	COIL A/W 3.5/4.5MM HOR 0.8MM
C705	.015-21820-01,	CAP CER 0805 8P2+-1/4P NPO 50V	L360	.052-08145-15,	COIL A/W 1.5T/4.5MM HOR 0.8MM
C706	.015-22470-01,	CAP CER 0805 47P 5% NPO 50V	L365	.052-08130-15,	COIL A/W 1.5T/3.0MM HOR 0.8MM
C708	.014-07470-00,	CAP TANT CHIP 4U7 3.5 X 2.8MM	L370	.065-00010-08,	BEAD FERR 4S3 3*0.7*10MM RED
C709	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V	L375	.065-10004-20,	BEAD FE SMD CBD 4.6/3*3-4S2
C710	.015-25100-08,	CAP CER 0805 10N 10% X7R 50V	L380	.052-08145-25,	COIL A/W 2.5T/4.5MM HOR 0.8MM
C712	.015-22470-01,	CAP CER 0805 47P 5% NPO 50V	L385	.052-08140-15,	COIL A/W 1.5T/4.0MM HOR 0.8MM
C720	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V	L390	.056-10330-02,	(L) IND SMD 330NH
C722	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V	L750	.056-10068-00,	IND FXD SMD 68NH 3.2*2.5*1.6
C724	.014-08220-01,	(L)CAP TANT 22UF10V276MSER	L910	.052-08135-25,	COIL A/W 2.5T/3.5MM HOR 0.8MM
C725	.014-08220-01,	(L)CAP TANT 22UF10V276MSER	L920	.052-08135-25,	COIL A/W 2.5T/3.5MM HOR 0.8MM
C726	.015-25100-08,	CAP CER 0805 10N 10% X7R 50V	LED1	.070-02001-00,	LED RED COMPL T800 RX/TX/EX
C727	.015-23220-01,	CAP CER 0805 220P 5% NPO 50V	LED2	.070-02002-00,	LED GREEN COMPL T800 RX/TX/EX
C729	.015-23220-01,	CAP CER 0805 220P 5% NPO 50V	No Ref	.240-04021-77,	SKT JACK 1.3 PCB MT 64W
C735	.015-22470-01,	CAP CER 0805 47P 5% NPO 50V	No Ref	.240-00100-43,	PLG COAX MINI PIN CRIMP 1.5D
C736	.015-22470-01,	CAP CER 0805 47P 5% NPO 50V	No Ref	.240-02100-06,	SKT COAX N TYPE PNL MTG OP-TER
C740A	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V	No Ref	.303-50078-00,	CLIP A4M2630 NPR. CABLE CLAMP
C740B	.015-25100-08,	CAP CER 0805 10N 10% X7R 50V	No Ref	.303-11169-04,	CHASSIS PAINTED T800 SER II
C741A	.014-07470-00,	CAP TANT CHIP 4U7 3.5 X 2.8MM	No Ref	.303-23118-00,	COVER A3M2247 D RANGE T855/7
C741B	.015-25100-08,	CAP CER 0805 10N 10% X7R 50V	No Ref	.206-00010-11,	COAX 50 OHM RG316-U PTFE
C742A	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V	No Ref	.070-01001-00,	D-RANGE 15 WAY COMPL T800
C742B	.015-25100-08,	CAP CER 0805 10N 10% X7R 50V	No Ref	.002-08951-20,	S) IC AT89C51 PLCC44 MIC 12MHZ
C743	.015-22470-01,	CAP CER 0805 47P 5% NPO 50V	No Ref	.362-00010-23,	GASKET SIL TO-220 CLIP MTG.
C745	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V	No Ref	.X867VT10,	T860 TUNABLE VCO ASSEMBLY
C750	.025-08100-03,	CAP 10M 35V 20% TANT 5MM L/S	No Ref	.365-00100-20,	LABEL WHITE S/A 28X11MM
C757	.015-25100-08,	CAP CER 0805 10N 10% X7R 50V	No Ref	.362-01101-00,	GASKET INSUL SIL PAD 2000 T05
C759	.015-25100-08,	CAP CER 0805 10N 10% X7R 50V	No Ref	.220-01420-00,	PCB T867 SERIES II EXCITER
C761	.015-25100-08,	CAP CER 0805 10N 10% X7R 50V	No Ref	.365-01541-00,	LABEL TX/RX/EX TYPE APR/SER NO
C762	.014-08220-01,	(L)CAP TANT 22UF10V276MSER	No Ref	.303-50074-00,	CLIP A3M2246 SPRING CLAMP T857
C764	.015-25100-08,	CAP CER 0805 10N 10% X7R 50V	No Ref	.353-00010-13,	WSHR M3 S/PROOF INT BZ
C765	.014-07470-00,	CAP TANT CHIP 4U7 3.5 X 2.8MM	No Ref	.352-00010-08,	NUT M3 COLD FORM HEX ST BZ
C767	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V	No Ref	.349-00020-36,	LIJ)SCREW TT M3X8m PANTORX BLK
C769	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V	PL205	.240-00020-67,	HEADER 6W 2X3 PCB MTG STD
C770	.014-08220-01,	(L)CAP TANT 22UF10V276MSER	PL210	.240-00020-67,	HEADER 6W 2X3 PCB MTG STD
C772	.014-08220-01,	(L)CAP TANT 22UF10V276MSER	PL215	.240-00020-44,	HEADER 10W X2R PCB MTG 5*2
C774	.024-16220-02,	CAP METAL PPS 220N 10% 63V 5MM	PL220	.240-00020-67,	HEADER 6W 2X3 PCB MTG STD
C776	.015-25100-08,	CAP CER 0805 10N 10% X7R 50V	Q210	.000-10008-48,	S) XSTR SMD BCW60 NPN SOT23 SS
C782	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V	Q220	.000-10008-17,	S) XSTR SMD BC817-25 NPN SOT23
C784	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V	Q230	.000-10008-48,	S) XSTR SMD BCW60 NPN SOT23 SS
C786	.015-06100-08,	CAP CER 1206 100N 10% X7R 50V	Q240	.000-10008-48,	S) XSTR SMD BCW60 NPN SOT23 SS
C788	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V	Q250	.000-10008-17,	S) XSTR SMD BC817-25 NPN SOT23
C790	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V	Q260	.000-10008-57,	S) XSTR SMD BCW70 NPN SOT23 SS
C792	.015-23680-08,	CAP CER 0805 680P 10% X7R 50V	Q270	.000-10004-10,	S) XSTR SMD MJD41C NPN SW DPAK
C810	.015-25470-08,	CAP CER 0805 47N 10% X7R 50V	Q305	.000-10008-48,	S) XSTR SMD BCW60 NPN SOT23 SS
C812	.015-23100-01,	CAP CER 0805 100P 5% NPO 50V	Q310	.000-10008-48,	S) XSTR SMD BCW60 NPN SOT23 SS
C813	.015-24100-08,	CAP CER 0805 1N 10% X7R 50V	Q315	.000-00012-15,	S) XSTR BD234 PNP AF PWR TO126
C822	.014-07470-00,	CAP TANT CHIP 4U7 3.5 X 2.8MM	Q320	.000-10008-07,	S) XSTR SMD BC807 PNP SOT23 AF
C823	.015-25220-08,	CAP CER 0805 22N 10% X7R 50V	Q325	.000-10008-07,	S) XSTR SMD BC807 PNP SOT23 AF
C824	.015-25470-08,	CAP CER 0805 47N 10% X7R 50V	Q330	.000-10008-57,	S) XSTR SMD BCW70 NPN SOT23 SS
C826	.015-23220-01,	CAP CER 0805 220P 5% NPO 50V	Q335	.000-10008-07,	S) XSTR SMD BC807 PNP SOT23 AF
C827	.015-22330-01,	CAP CER 0805 33P 5% NPO 50V	Q340	.000-10008-48,	S) XSTR SMD BCW60 NPN SOT23 SS
C828	.015-25100-08,	CAP CER 0805 10N 10% X7R 50V	Q345	.000-10008-48,	S) XSTR SMD BCW60 NPN SOT23 SS
C830	.015-25470-08,	CAP CER 0805 47N 10% X7R 50V	Q365	.000-10038-66,	S) XSTR SMD MRF3866 S08
C838	.020-09100-04,	CAP ELE RA 100M 10V 6.3X9MM	Q370	.000-00022-30,	S) XSTR 2N4427 NPN T039 VHF DR
C841	.020-09100-04,	CAP ELE RA 100M 10V 6.3X9MM	Q510	.000-10008-07,	S) XSTR SMD BC807 PNP SOT23 AF
C844	.015-25100-08,	CAP CER 0805 10N 10% X7R 50V	Q520	.000-10008-07,	S) XSTR SMD BC807 PNP SOT23 AF

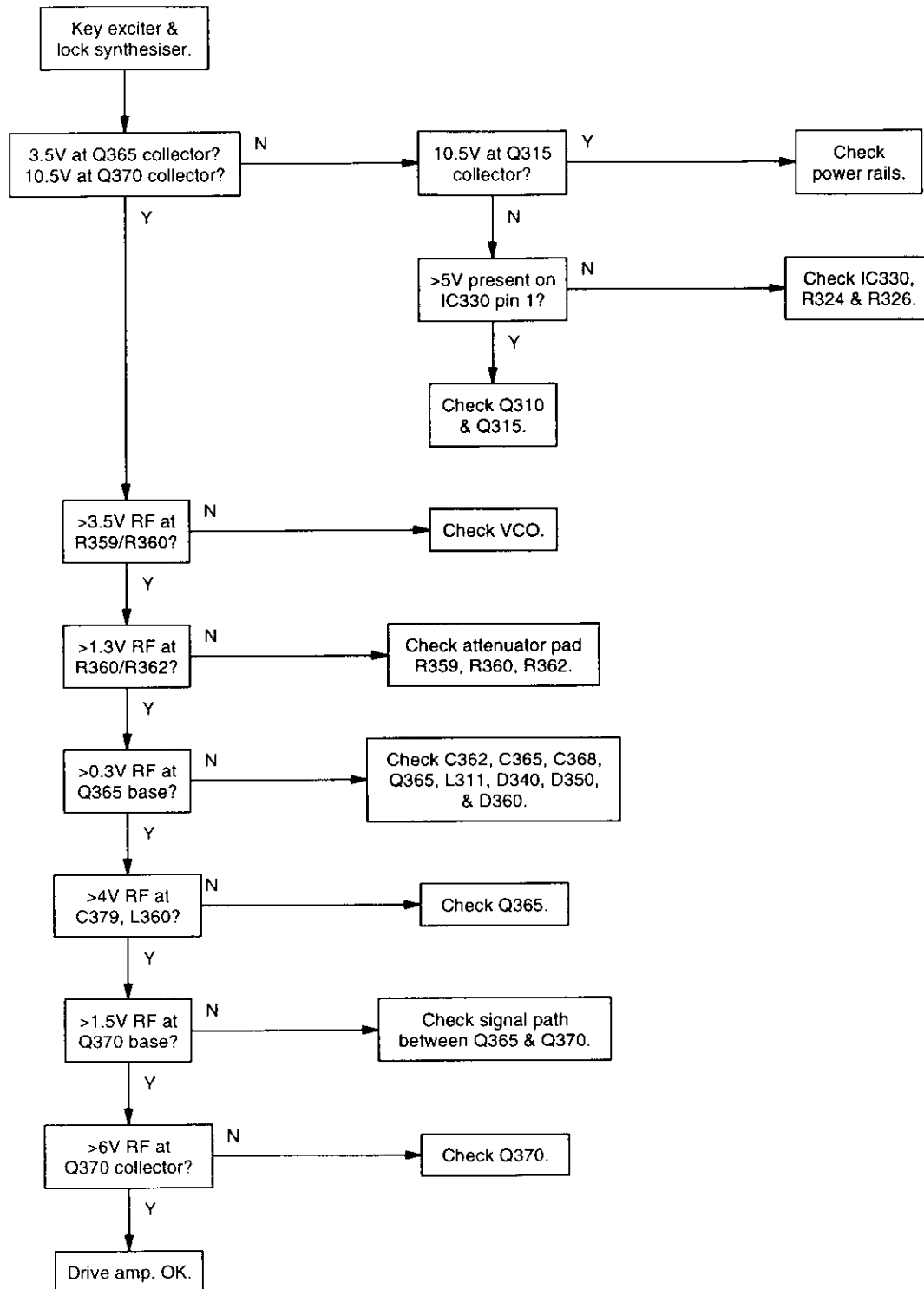
R706	.036-15150-00.	RES M/F 0805 15K 5%	R873	.036-15330-00.	RES M/F 0805 33K 5%
R708	.036-16100-00.	RES M/F 0805 100K 5%	R874	.036-14470-00.	RES M/F 0805 4K7 5%
R710	.036-13100-00.	RES M/F 0805 100E 5%	R875	.036-15470-00.	RES M/F 0805 47K 5%
R711	.036-13100-00.	RES M/F 0805 100E 5%	R876	.036-14470-00.	RES M/F 0805 4K7 5%
R712	.036-12100-00.	RES M/F 0805 10E 5%	R877	.036-14470-00.	RES M/F 0805 4K7 5%
R713	.036-12220-00.	RES M/F 0805 22E 5%	R879	.036-15100-00.	RES M/F 0805 10K 5%
R714	.036-12100-00.	RES M/F 0805 10E 5%	RV210	.040-05100-23.	POT 10K LOG PCB 15MM SLOT SFT
R717	.036-14270-00.	RES M/F 0805 2K7 5%	RV220	.042-05500-05.	RES PRESET SMD 50K CER 4MM SQ
R718	.036-16100-00.	RES M/F 0805 100K 5%	RV805	.042-05200-05.	RES PRESET SMD 20K CER 4MM SQ
R719	.036-16100-00.	RES M/F 0805 100K 5%	SK200	.240-10000-05.	CONN SMD SKT 8W 2R M-MATCH
R720	.036-15390-00.	RES M/F 0805 39K 5%	SK205	.240-02020-05.	SKT STEREO PHONE JACK PCB MTG
R721	.036-15100-00.	RES M/F 0805 10K 5%	SK310	.240-02100-44.	SKT COAX MINI JACK PCB MT ANG.
R722	.036-15100-00.	RES M/F 0805 10K 5%	SK420	.240-02100-44.	SKT COAX MINI JACK PCB MT ANG.
R723	.036-14270-00.	RES M/F 0805 2K7 5%	SK805	.240-10000-07.	CONN SMD SKT 16W 2R M-MATCH
R725	.036-15390-00.	RES M/F 0805 39K 5%	SK810	.240-04020-42.	SKT 44 PIN SMD PLCC
R727	.036-15100-00.	RES M/F 0805 10K 5%	SW101	.232-00020-26.	BUTTON 232-00010-26 SWITCH
R728	.036-15100-00.	RES M/F 0805 10K 5%	SW230	.232-00010-26.	SWITCH PUSH SPDT R-ANG PCB MTG
R734	.036-13470-00.	RES M/F 0805 470E 5%	T610	.050-00016-50.	COIL TAIT NO 650 455KHZ
R735	.036-13470-00.	RES M/F 0805 470E 5%	T86710	.036-15100-10.	RES M/F 0805 10K 1%
R736	.036-13470-00.	RES M/F 0805 470E 5%			
R742	.036-13150-00.	RES M/F 0805 150E 5%			
R743	.036-13150-00.	RES M/F 0805 150E 5%			
R744	.036-12220-00.	RES M/F 0805 22E 5%			
R746	.036-12220-00.	RES M/F 0805 22E 5%			
R747	.036-12220-00.	RES M/F 0805 22E 5%			
R748	.036-15470-00.	RES M/F 0805 47K 5%			
R749	.036-15470-00.	RES M/F 0805 47K 5%			
R750	.036-12220-00.	RES M/F 0805 22E 5%			
R752	.036-12220-00.	RES M/F 0805 22E 5%			
R753	.036-17100-00.	RES M/F 0805 1M 5%			
R754	.036-14100-00.	RES M/F 0805 1K 5%			
R756	.036-16470-00.	RES M/F 0805 470K 5%			
R757	.036-16470-00.	RES M/F 0805 470K 5%			
R758	.036-14120-00.	RES M/F 0805 1K2 5%			
R759	.036-13330-00.	RES M/F 0805 330E 5%			
R760	.036-13180-00.	RES M/F 0805 180E 5%			
R762	.036-13100-00.	RES M/F 0805 100E 5%			
R763	.036-13100-00.	RES M/F 0805 100E 5%			
R765	.036-13680-00.	RES M/F 0805 680E 5%			
R766	.036-14100-00.	RES M/F 0805 1K 5%			
R767	.036-13680-00.	RES M/F 0805 680E 5%			
R769	.036-13180-00.	RES M/F 0805 180E 5%			
R771	.036-14820-00.	RES M/F 0805 8K2 5%			
R772	.036-15220-00.	RES M/F 0805 22K 5%			
R774	.036-14820-00.	RES M/F 0805 8K2 5%			
R775	.036-14680-00.	RES M/F 0805 6K8 5%			
R777	.036-14220-00.	RES M/F 0805 2K2 5%			
R784	.036-12680-00.	RES M/F 0805 68E 5%			
R785	.036-14330-00.	RES M/F 0805 3K3 5%			
R786	.036-12100-00.	RES M/F 0805 10E 5%			
R787	.036-12100-00.	RES M/F 0805 10E 5%			
R790	.036-13220-00.	RES M/F 0805 220E 5%			
R791	.036-13100-00.	RES M/F 0805 100E 5%			
R792	.036-14100-00.	RES M/F 0805 1K 5%			
R801	.036-16150-00.	RES M/F 0805 150K 5%			
R802	.036-15470-00.	RES M/F 0805 47K 5%			
R808	.036-12100-00.	RES M/F 0805 10E 5%			
R809	.036-14470-00.	RES M/F 0805 4K7 5%			
R810	.036-14470-00.	RES M/F 0805 4K7 5%			
R811	.036-14470-00.	RES M/F 0805 4K7 5%			
R812	.036-14470-00.	RES M/F 0805 4K7 5%			
R813	.036-14470-00.	RES M/F 0805 4K7 5%			
R815	.036-15470-00.	RES M/F 0805 47K 5%			
R816	.036-16150-00.	RES M/F 0805 150K 5%			
R818	.036-14470-00.	RES M/F 0805 4K7 5%			
R819	.036-14470-00.	RES M/F 0805 4K7 5%			
R821	.036-15470-00.	RES M/F 0805 47K 5%			
R822	.036-15470-00.	RES M/F 0805 47K 5%			
R824	.036-14220-00.	RES M/F 0805 2K2 5%			
R825	.036-14220-00.	RES M/F 0805 2K2 5%			
R826	.036-14220-00.	RES M/F 0805 2K2 5%			
R827	.036-14220-00.	RES M/F 0805 2K2 5%			
R828	.036-14220-00.	RES M/F 0805 2K2 5%			
R829	.036-14220-00.	RES M/F 0805 2K2 5%			
R830	.036-14220-00.	RES M/F 0805 2K2 5%			
R831	.036-14220-00.	RES M/F 0805 2K2 5%			
R832	.036-14220-00.	RES M/F 0805 2K2 5%			
R833	.036-14220-00.	RES M/F 0805 2K2 5%			
R835	.036-14220-00.	RES M/F 0805 2K2 5%			
R836	.036-14220-00.	RES M/F 0805 2K2 5%			
R837	.036-14220-00.	RES M/F 0805 2K2 5%			
R840	.036-14220-00.	RES M/F 0805 2K2 5%			
R841	.036-14220-00.	RES M/F 0805 2K2 5%			
R842	.036-14220-00.	RES M/F 0805 2K2 5%			
R843	.036-14220-00.	RES M/F 0805 2K2 5%			
R845	.036-13470-00.	RES M/F 0805 470E 5%			
R846	.036-13470-00.	RES M/F 0805 470E 5%			
R847	.036-13470-00.	RES M/F 0805 470E 5%			
R848	.036-14470-00.	RES M/F 0805 4K7 5%			
R850	.036-13470-00.	RES M/F 0805 470E 5%			
R853	.036-14470-00.	RES M/F 0805 4K7 5%			
R854	.036-14470-00.	RES M/F 0805 4K7 5%			
R855	.036-14470-00.	RES M/F 0805 4K7 5%			
R859	.036-16150-00.	RES M/F 0805 150K 5%			
R861	.036-16150-00.	RES M/F 0805 150K 5%			
R863	.036-16150-00.	RES M/F 0805 150K 5%			
R865	.036-16100-00.	RES M/F 0805 100K 5%			
R867	.036-16100-00.	RES M/F 0805 100K 5%			
R871	.036-15470-00.	RES M/F 0805 47K 5%			
R872	.036-14470-00.	RES M/F 0805 4K7 5%			

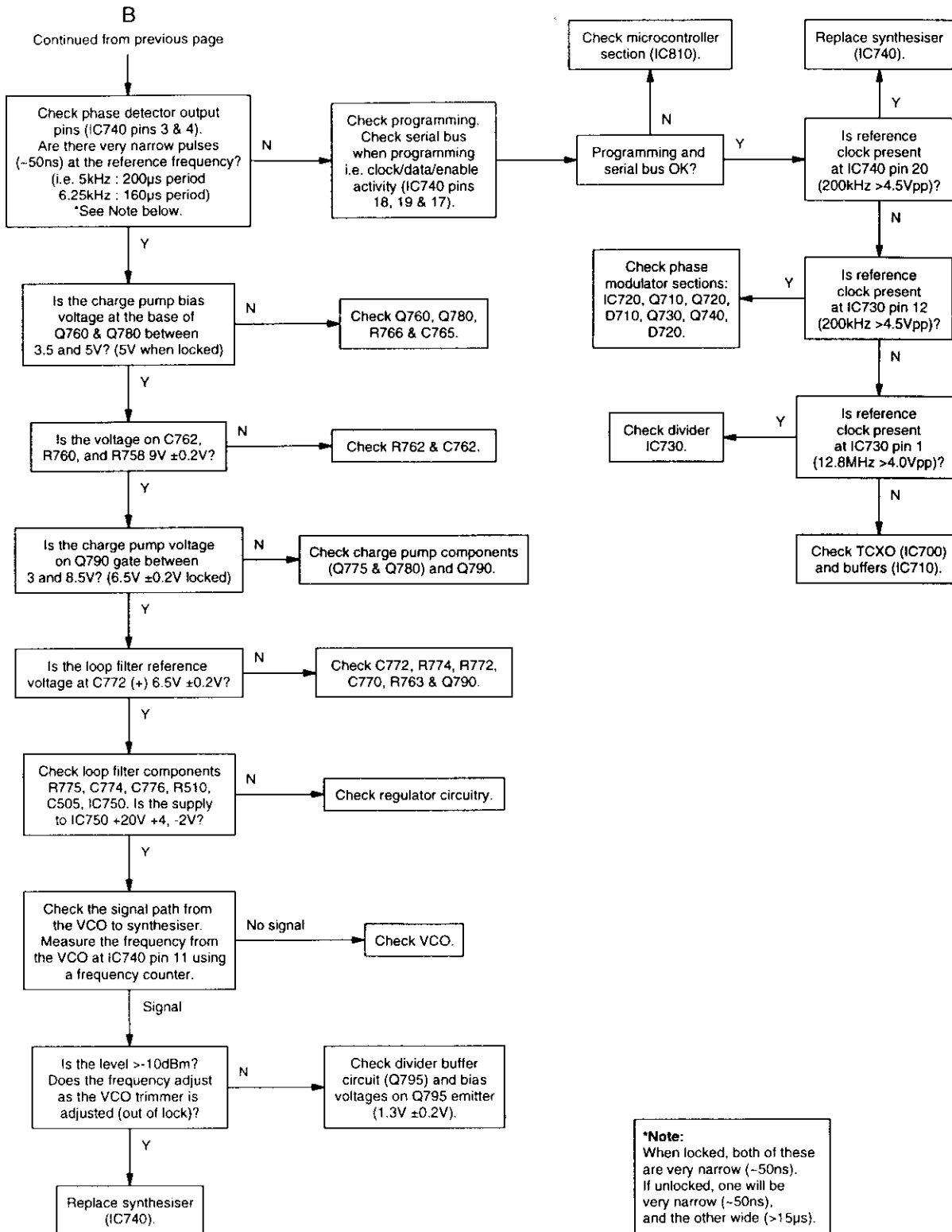


C370	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	C910	.015-02100-06.	CAP CER 1210 10P NPO500VGRM42
C373	.015-25470-08.	CAP CER 0805 47N 10% X7R 50V	C920	.015-02180-06.	CAP CER 1210 18P NPO500VGRM42
C376	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	C930	.015-02100-06.	CAP CER 1210 10P NPO500VGRM42
C379	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	D111	.001-00012-30.	S) DIODE 6A6 MRF756 6A/600V
C382	.015-21560-01.	CAP CER 0805 5P6+-1/4P NPO 50V	D220	.001-10000-99.	S) DIODE SMD BAV99 D-SW SOT23
C383	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	D230	.001-00010-40.	S) DIODE ZENER 33V 1.3W
C385	.020-07470-04.	CAP ELE RA 4M7 25V 20%8X13 SOL	D240	.001-10000-56.	S) DIODE SMD BAW56 D-SW SOT23
C388	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	D250	.001-10000-56.	S) DIODE SMD BAW56 D-SW SOT23
C394	.015-04100-04.	CAP CER 1206 1N 10% X7R 50V	D260	.001-10000-56.	S) DIODE SMD BAW56 D-SW SOT23
C396	.015-04100-04.	CAP CER 1206 1N 10% X7R 50V	D270	.001-10000-99.	S) DIODE SMD BAV99 D-SW SOT23
C399	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	D340	.001-10000-18.	S) DIODE SMD BAT18 S-SW SOT23
C503	.015-24470-08.	CAP CER 0805 4N7 10% X7R 50V	D350	.001-10000-18.	S) DIODE SMD BAT18 S-SW SOT23
C505	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	D360	.001-10000-18.	S) DIODE SMD BAT18 S-SW SOT23
C510	.015-25220-08.	CAP CER 0805 22N 10% X7R 50V	D610	.001-10000-99.	S) DIODE SMD BAV99 D-SW SOT23
C513	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	D620	.001-10000-70.	S) DIODE SMD BAV70 D-SW SOT23
C535	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	D630	.001-10000-70.	S) DIODE SMD BAV70 D-SW SOT23
C550	.014-08220-01.	(L)CAP TANT 22UF10V276MSER	D635	.001-10065-00.	DIODE BAT65 SCHOTTKKEY SOD123
C605	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	D640	.001-10000-70.	S) DIODE SMD BAV70 D-SW SOT23
C610A	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	D710	.001-10000-99.	S) DIODE SMD BAV99 D-SW SOT23
C610B	.020-09100-04.	CAP ELE RA 100M 10V 6.3X9MM	D720	.001-10000-99.	S) DIODE SMD BAV99 D-SW SOT23
C611A	.020-09100-04.	CAP ELE RA 100M 10V 6.3X9MM	D730	.001-10065-00.	DIODE BAT65 SCHOTTKKEY SOD123
C611B	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	D740	.001-10065-00.	DIODE BAT65 SCHOTTKKEY SOD123
C623	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	D810	.001-10065-00.	DIODE BAT65 SCHOTTKKEY SOD123
C625	.020-09470-07.	CAPEL470M16V20%V 8*20 3.5LESR	IC210	.002-10003-24.	S) IC SMD 324 4X O-AMP SO14
C626	.015-24470-08.	CAP CER 0805 4N7 10% X7R 50V	IC220	.002-10126-70.	S) IC SMD DS1267S10K 2XDIG POT
C628	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	IC230	.002-10003-24.	S) IC SMD 324 4X O-AMP SO14
C630	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	IC240	.002-10040-53.	S)MC14053B SMD BREAK B4 MAKE
C631A	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	IC250	.002-00020-50.	S) IC 4N25A OPTOCOUPLER
C634	.014-08100-00.	CAP TANT CHIP 10M 16VW +20%	IC260	.002-10003-24.	S) IC SMD LM358 DUAL O-AMP
C636	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	IC330	.002-10003-58.	S) IC SMD LM358 DUAL O-AMP
C638	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	IC610	.002-00014-58.	S) IC 78L05 5V 100MA REG TO92
C640	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	IC630	.002-00014-62.	S) IC 317L 100MA REG 3TER TO92
C655	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	IC640	.002-10003-58.	S) IC SMD LM358 DUAL O-AMP
C660	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	IC650	.002-10012-32.	SMD DS1232LP5-2 LP RESET&W-D0G
C665	.025-08100-03.	CAP 10M 35V 20% TANT 5MM L/S	IC710	.002-74900-04.	S) IC SMD 74HC04D 6X INV BUFFD
C670	.025-07330-01.	CAP TANT BEAD 3M3 35V	IC720	.002-74910-04.	S) IC SMD 74HCU04 6X INV
C673	.015-24470-08.	CAP CER 0805 4N7 10% X7R 50V	IC730	.002-10045-20.	S) IC SMD 74HC4520T 2XCTR 4BIT
C677	.014-07100-02.	CAP TANT CHIP 1U0 3.2 X 1.6MM	IC740	.002-14519-10.	S) IC MC145191F SMD SYNTH
C681	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	IC750	.002-10330-78.	S) IC MC33078D 2X AMP LO NOISE
C684	.014-08100-00.	CAP TANT CHIP 10M 16VW +20%	IC820	.002-12416-00.	S)IC SMD AT24C16N-10SC EEPROM
C687	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	IC830	.002-10003-24.	S) IC SMD 324 4X O-AMP SO14
C690	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	L335	.056-10330-02.	(L) IND SMD 330NH
C693	.014-08100-00.	CAP TANT CHIP 10M 16VW +20%	L340	.056-10330-02.	(L) IND SMD 330NH
C700	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	L345	.052-08130-15.	COIL A/W 1.5T/3.0MM HOR 0.8MM
C703	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	L355	.052-08145-35.	COIL A/W 3.5/4.5MM HOR 0.8MM
C705	.015-21820-01.	CAP CER 0805 8P2+-1/4P NPO 50V	L360	.052-08145-15.	COIL A/W 1.5T/4.5MM HOR 0.8MM
C706	.015-22470-01.	CAP CER 0805 47P 5% NPO 50V	L365	.052-08130-15.	COIL A/W 1.5T/3.0MM HOR 0.8MM
C708	.014-07470-00.	CAP TANT CHIP 4U7 3.5 X 2.8MM	L370	.065-00010-08.	BEAD FERR 4S3 3*0.7*10MM RED
C709	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	L375	.065-10004-20.	BEAD FE SMD CBD 4.6/3/3-4S2
C710	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	L380	.052-08145-25.	COIL A/W 2.5T/4.5MM HOR 0.8MM
C712	.015-22470-01.	CAP CER 0805 47P 5% NPO 50V	L385	.052-08140-15.	COIL A/W 1.5T/4.0MM HOR 0.8MM
C720	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	L390	.056-10330-02.	(L) IND SMD 330NH
C722	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	L750	.056-10068-00.	IND FXD SMD 68NH 3.2*2.5*1.6
C724	.014-08220-01.	(L)CAP TANT 22UF10V276MSER	L910	.052-08135-25.	COIL A/W 2.5T/3.5MM HOR 0.8MM
C725	.014-08220-01.	(L)CAP TANT 22UF10V276MSER	L920	.052-08135-25.	COIL A/W 2.5T/3.5MM HOR 0.8MM
C726	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	LED1	.070-02001-00.	LED RED COMPL T800 RX/TX/EX
C727	.015-23220-01.	CAP CER 0805 220P 5% NPO 50V	LED2	.070-02002-00.	LED GREEN COMPL T800 RX/TX/EX
C729	.015-23220-01.	CAP CER 0805 220P 5% NPO 50V	No Ref	.303-50074-00.	CLIP A3M2246 SPRING CLAMP T857
C735	.015-22470-01.	CAP CER 0805 47P 5% NPO 50V	No Ref	.303-23118-00.	COVER A3M2247 D RANGE T855/7
C736	.015-22470-01.	CAP CER 0805 47P 5% NPO 50V	No Ref	.070-01001-00.	D-RANGE 15 WAY COMPL T800
C740A	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	No Ref	.365-00100-20.	LABEL WHITE S/A 28X11MM
C740B	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	No Ref	.X867VT10.	T860 TUNABLE VCO ASSEMBLY
C741A	.014-07470-00.	CAP TANT CHIP 4U7 3.5 X 2.8MM	No Ref	.240-00100-43.	PLG COAX MINI PIN CRIMP 1.5D
C741B	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	No Ref	.365-01541-00.	LABEL TX/RX/EX TYPE APR/SER NO
C742A	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	No Ref	.362-00010-23.	GASKET SIL TO-220 CLIP MTG.
C742B	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	No Ref	.303-11169-04.	CHASSIS PAINTED T800 SER II
C743	.015-22470-01.	CAP CER 0805 47P 5% NPO 50V	No Ref	.220-01420-00.	PCB T867 SERIES II EXCITER
C745	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	No Ref	.002-08951-20.	S) IC AT89C51 PLCC44 MIC 12MHZ
C750	.025-08100-03.	CAP 10M 35V 20% TANT 5MM L/S	No Ref	.303-50078-00.	CLIP A4M2630 SPR. CABLE CLAMP
C757	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	No Ref	.362-01101-00.	GASKET INSUL SIL PAD 2000 TO5
C759	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	No Ref	.206-00010-11.	COAX 50 OHM RG316-U PTFE
C761	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	No Ref	.240-02100-06.	SKT COAX N TYPE PNL MTG OP-TER
C762	.014-08220-01.	(L)CAP TANT 22UF10V276MSER	No Ref	.240-04021-77.	SKT JACK 1.3 PCB MT 64W
C764	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	No Ref	.353-00010-13.	WSHR M3 S/PROOF INT BZ
C765	.014-07470-00.	CAP TANT CHIP 4U7 3.5 X 2.8MM	No Ref	.352-00010-08.	NUT M3 COLD FORM HEX ST BZ
C767	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	No Ref	.349-00020-36.	LIM)SCREW TT M3X8m PANTORX BLK
C769	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	PL205	.240-00020-67.	HEADER 6W 2X3 PCB MTG STD
C770	.014-08220-01.	(L)CAP TANT 22UF10V276MSER	PL210	.240-00020-67.	HEADER 6W 2X3 PCB MTG STD
C772	.014-08220-01.	(L)CAP TANT 22UF10V276MSER	PL215	.240-00020-44.	HEADER 10W X2R PCB MTG 5*2
C774	.024-16220-02.	CAP METAL PPS 220N 10% 63V 5MM	PL220	.240-00020-67.	HEADER 6W 2X3 PCB MTG STD
C776	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	Q210	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS
C782	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	Q220	.000-10008-17.	S) XSTR SMD BC817-25 NPN SOT23
C784	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	Q230	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS
C786	.015-06100-08.	CAP CER 1206 100N 10% X7R 50V	Q240	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS
C788	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	Q250	.000-10008-17.	S) XSTR SMD BC817-25 NPN SOT23
C790	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	Q260	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS
C792	.015-23680-08.	CAP CER 0805 680P 10% X7R 50V	Q270	.000-10004-10.	S) XSTR SMD MJD41C NPN SW DPAK
C810	.015-25470-08.	CAP CER 0805 47N 10% X7R 50V	Q305	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS
C812	.015-23100-01.	CAP CER 0805 100P 5% NPO 50V	Q310	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS
C813	.015-24100-08.	CAP CER 0805 1N 10% X7R 50V	Q315	.000-00012-15.	S) XSTR BD234 PNP AF PWR TO126
C822	.014-07470-00.	CAP TANT CHIP 4U7 3.5 X 2.8MM	Q320	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF
C823	.015-25220-08.	CAP CER 0805 22N 10% X7R 50V	Q325	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF
C824	.015-25470-08.	CAP CER 0805 47N 10% X7R 50V	Q330	.000-10008-57.	S) XSTR SMD BCW70 PNP SOT23 SS
C826	.015-23220-01.	CAP CER 0805 220P 5% NPO 50V	Q335	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF
C827	.015-22330-01.	CAP CER 0805 33P 5% NPO 50V	Q340	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS
C828	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	Q345	.000-10008-48.	S) XSTR SMD BCW60 NPN SOT23 SS
C830	.015-25470-08.	CAP CER 0805 47N 10% X7R 50V	Q365	.000-10038-66.	S) XSTR SMD MRF3866 SO8
C838	.020-09100-04.	CAP ELE RA 100M 10V 6.3X9MM	Q370	.000-00022-30.	S) XSTR 2N4427 NPN TO39 VHF DR
C841	.020-09100-04.	CAP ELE RA 100M 10V 6.3X9MM	Q510	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF
C844	.015-25100-08.	CAP CER 0805 10N 10% X7R 50V	Q520	.000-10008-07.	S) XSTR SMD BC807 PNP SOT23 AF

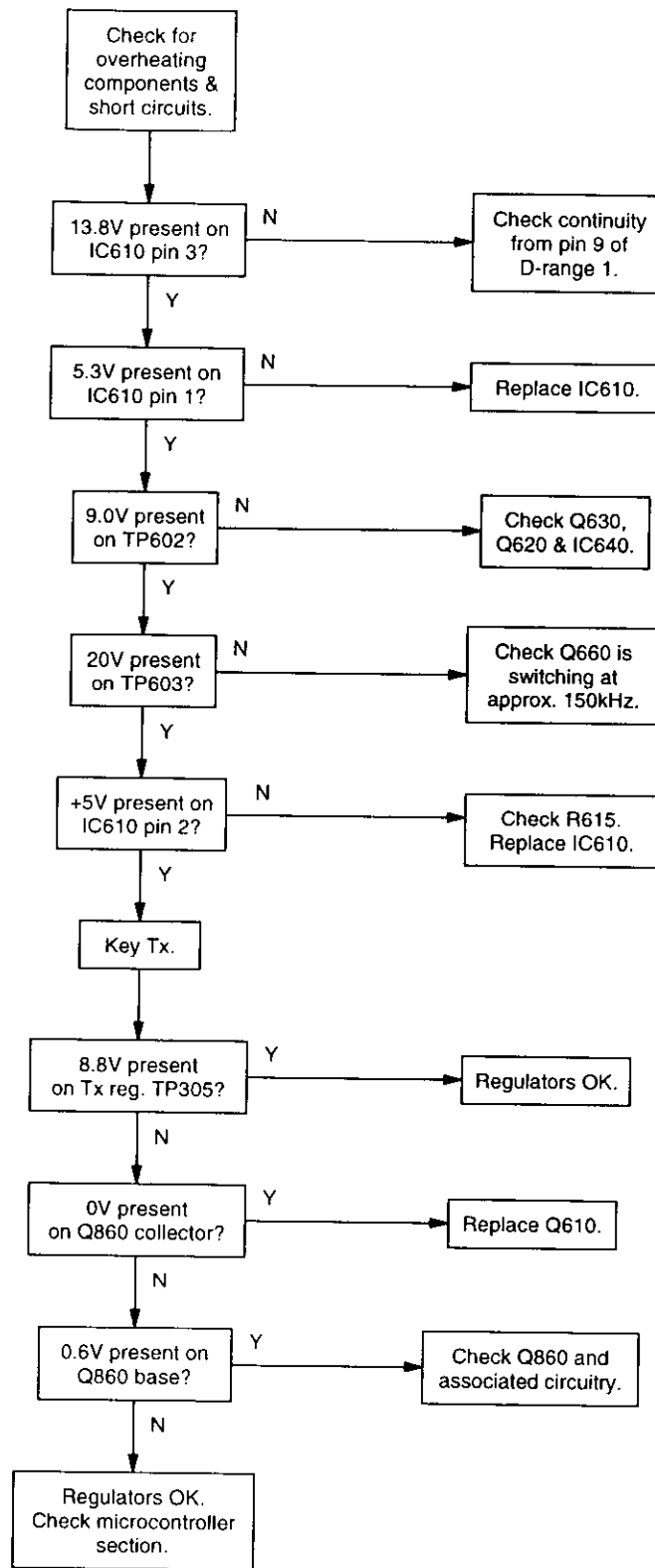


## 5.7.4 T867 Exciter Drive Amplifier

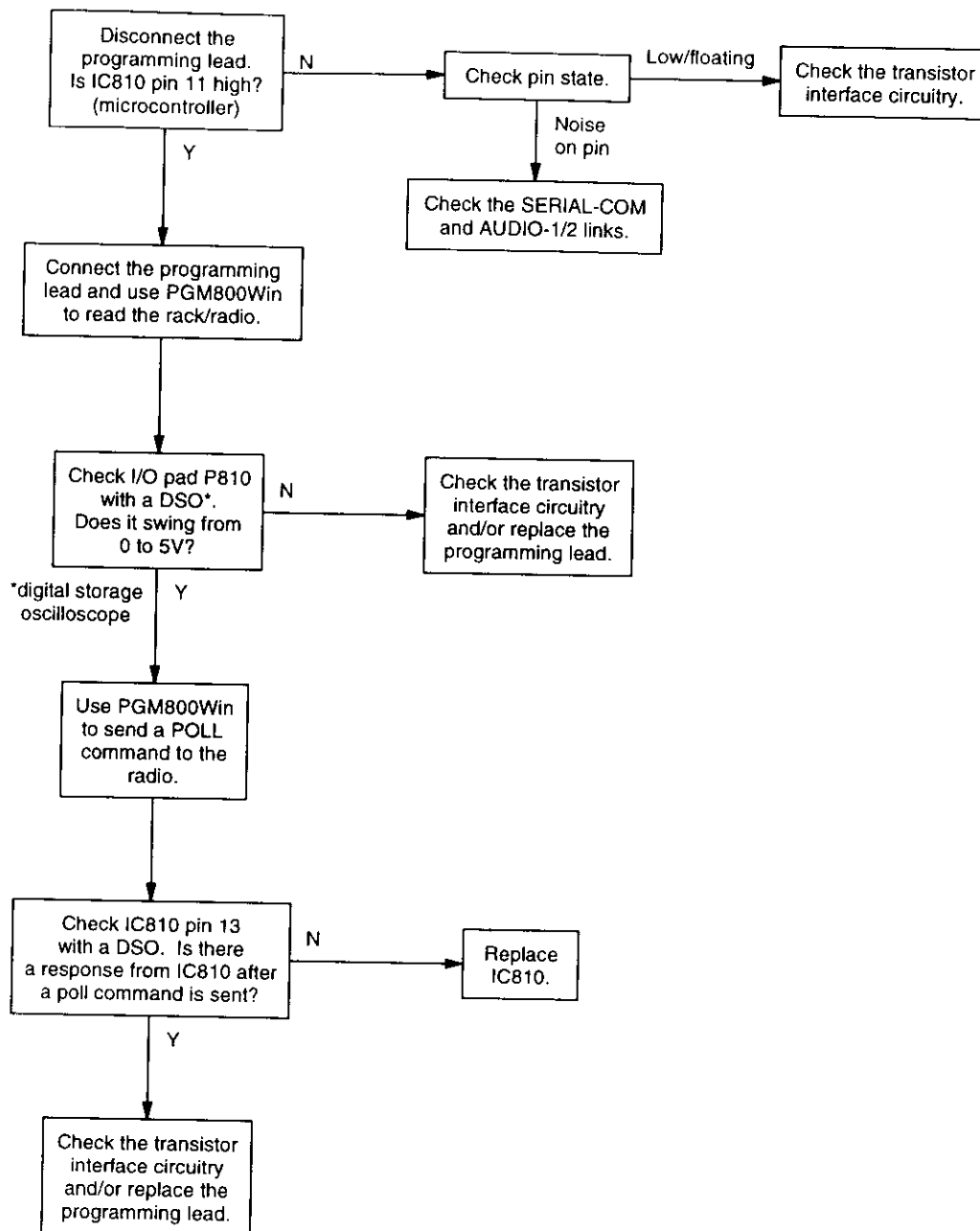




## 5.7.2 Regulator



## 5.7.1.2 Serial Communication



## 5.6 PGM800Win Generated Errors

The following errors are those most likely to occur using PGM800Win. Refer to the PGM800Win software user's manual for a complete list of error messages.

### Channel Switch Set

The programmed default channel change was not accepted by the base station because a channel is selected externally. Try turning the external channel switch off to change the default channel in PGM800Win.

### Synth Out Of Lock

The synthesiser received incorrect data, or the data was corrupted. Enter a frequency within the VCO switching range, or tune the VCO.

### Internal Error

Data could not be read from the base station due to an internal error. Check for shorts or open circuits on the SDA, SCK, SYNTH and EPOT lines. The SDA, SCK and SYNTH are normally high, and the EPOT is normally low.

### Write/Read To An Unlinked Module

The link to the module does not exist. Undefined error.

## 5.4 DC Checks

### 5.4.1 Power Rails

Refer to the test points and options diagrams in Section 6 for test point locations, and to the regulator fault finding chart (Section 5.7.2) for fault diagnosis.

Check the 13.8V (TP601) and 9V (TP602) supplies at their test points in the regulator compartment with a DMM.

Check the 5V (TP604) and 20V (TP603) rails at their respective test points in the regulator compartment.

Check that Tx-Reg. (TP305 in the exciter compartment) comes up to 8.8V when the exciter is keyed.

Check the +5V digital regulator output (TP607 in the regulator compartment).

Check for short circuits.

### 5.4.2 VCO Locking

Key the exciter.

Using a DMM, monitor the VCO control voltage at PL4-1 or the junction of L1 and R1 on the VCO PCB.

If the synthesiser is locked and the VCO aligned, the voltage at this point should be between 5 and 13V.

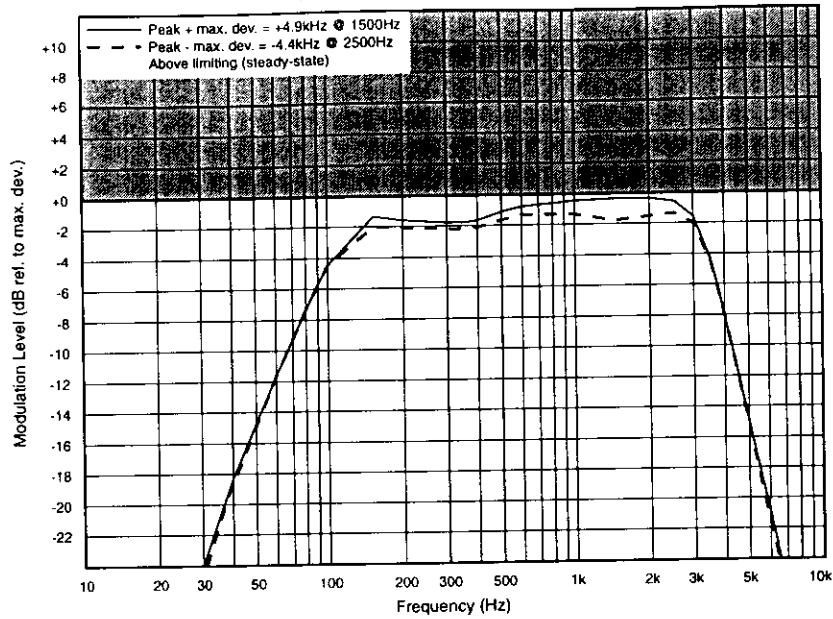
If the VCO is not locked, refer to the synthesiser fault finding chart (Section 5.7.3).



<b>Figure</b>	<b>Title</b>	<b>Page</b>
5.1	RF Diode Probe Circuit	5.5



**Wide Bandwidth**



**Mid Bandwidth**

The mid bandwidth graph is the same shape as the wide bandwidth graph. The deviation figures are as follows:

- peak + max. deviation = +4kHz
- peak - max. deviation = -4kHz.

**Narrow Bandwidth**

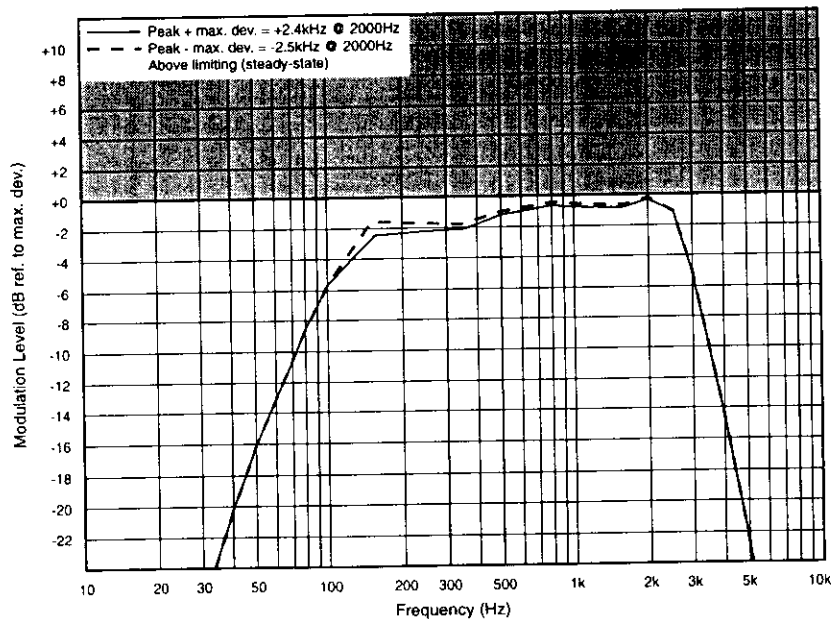


Figure 4.3 T867 Limiting Response

Timer	Function	Adjustment
Transmit Tail	Sets the tail time during which the transmitter stays keyed after the external key source has been removed.	0-5 seconds in 100ms steps
Transmit Timeout	Sets the maximum continuous transmission time. Once the timer has timed out, the transmitter must be keyed again, unless prevented by the transmit lockout timer.	0-300 seconds in 10 second steps
Transmit Lockout	Sets the period of time that must elapse after a timeout before the transmitter can re-transmit. Once the timer has timed out, the transmitter can be keyed again.	0-60 seconds in 10 second steps

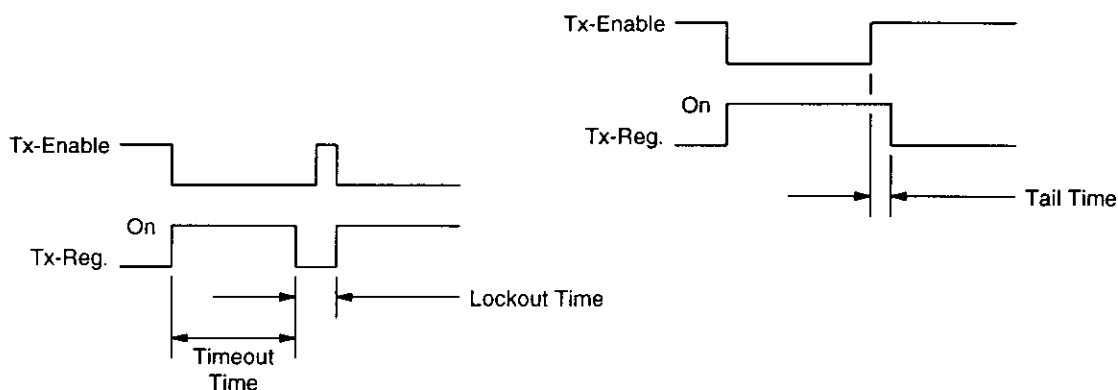


Figure 4.1 T867 Transmit Timers

## 4.5 Frequency Response

If the T867 has been correctly adjusted, the pre-emphasis and limiting responses should closely match those shown in Figure 4.2 and Figure 4.3 respectively.

**Note:** The limits shown on these graphs should not be exceeded.

- Measure the pre-emphasis response as follows:
  - Reduce the line level to give  $\pm 1\text{kHz}$  ( $\pm 0.8\text{kHz}$ ) [ $\pm 0.5\text{kHz}$ ] deviation at  $1\text{kHz}$ .
  - Sweep the modulation frequency.
  - The response should closely match that shown in Figure 4.2.
- Measure the limiting response as follows:
  - Set the line level to give  $\pm 3\text{kHz}$  ( $\pm 2.4\text{kHz}$ ) [ $\pm 1.5\text{kHz}$ ] deviation at  $1\text{kHz}$ .
  - Increase the line level  $20\text{dB}$  and sweep the modulation frequency.
  - The response should closely match that shown in Figure 4.3.



Check that  $\pm 3\text{kHz}$  ( $\pm 2.4\text{kHz}$ ) [ $\pm 1.5\text{kHz}$ ] deviation is still available.

Slowly increase the audio input level until the demodulated waveform shows significant signs of clipping (approximately  $\pm 4.5\text{kHz}$  ( $\pm 3.6\text{kHz}$ ) [ $\pm 2.3\text{kHz}$ ] deviation).

Adjust RV220 anticlockwise until the demodulated waveform is just clipping (approximately  $\pm 4\text{kHz}$  ( $\pm 3.2\text{kHz}$ ) [ $\pm 2\text{kHz}$ ] deviation).

Increase the input level to  $-10\text{dBm}$  and check that the test tone is still held just into clipping. The input line level should be typically  $-10$  to  $-20\text{dBm}$ .

### 3.7.5.2 Compressor On Microphone Input Only

Key the transmitter by earthing the Tx-Key line and plug a microphone jack into the front panel socket.

Adjust RV220 (compression level) fully clockwise.

Acoustically couple the microphone to a tone box ( $1\text{kHz}$ ) and close the PTT switch.

Increase the audio level until the demodulated waveform shows significant signs of clipping (approximately  $\pm 4.5\text{kHz}$  ( $\pm 3.6\text{kHz}$ ) [ $\pm 2.3\text{kHz}$ ] deviation).

Adjust RV220 anticlockwise until the demodulated waveform is just clipping (approximately  $\pm 4\text{kHz}$  ( $\pm 3.2\text{kHz}$ ) [ $\pm 2\text{kHz}$ ] deviation).

Increase the audio level by  $10\text{dB}$  and verify that the test tone is held just into clipping.

Whistle steadily into the microphone, checking that approximately  $\pm 4\text{kHz}$  ( $\pm 3.2\text{kHz}$ ) [ $\pm 2\text{kHz}$ ] deviation is produced. The modulated waveform should be basically sinusoidal.

Speak into the microphone, checking that the modulation peaks reach about  $\pm 5\text{kHz}$  ( $\pm 4\text{kHz}$ ) [ $\pm 2.5\text{kHz}$ ] deviation.

As the line is to be used without compression, set RV210 (line sensitivity) as described in Section 3.9.4.

### 3.7.5.3 Compressor On Both Line & Microphone Inputs

Set up as described in Section 3.9.5.1.

## 3.7 Audio Processor

### 3.7.1 Two Point Modulation

The T867 utilises two point modulation to obtain a wide audio bandwidth independent of the synthesiser loop filter response. This is achieved by simultaneously frequency modulating the VCO and phase modulating the synthesiser reference frequency. The relative signal levels fed to the two modulators are quite critical and cause interaction when setting up.

Both modulating signals require readjustment when the exciter is shifted in frequency greater than the switching range (i.e.  $\Delta F > \pm 4\text{MHz}$ ).

**Note 1:** In this and following sections deviation settings are given first for wide bandwidth sets, followed by settings in brackets for mid bandwidth sets ( ) and narrow bandwidth sets [ ].

**Note 2:** Reference modulation and limiter adjustment are controlled by PGM800Win. Electronic potentiometers (256 step) are used to allow channel-by-channel adjustment of deviation and two point modulation.

**Note 3:** To optimise the modulation response across the switching range, repeat steps 1-4 below for each channel that will be used (usually needed only for data applications). In applications where the modulation response is less critical (e.g. voice use only), carry out steps 1-4 below on the middle channel and cut and paste the value to all other channels.

### 3.7.2 Modulator Adjustment

1. Inject an audio signal of 500Hz 1.5V rms (+5dBm) into the CTCSS input (D-range 1 (PL100) pin 8).

Key the transmitter by earthing the Tx-Key line.

2. Adjust the output from the audio generator to obtain  $\pm 3\text{kHz}$  ( $\pm 2.4\text{kHz}$ ) [ $\pm 1.5\text{kHz}$ ] deviation at 500Hz.

3. Change the input frequency to 50Hz and adjust "reference modulation" via PGM800Win to obtain  $\pm 3\text{kHz}$  ( $\pm 2.4\text{kHz}$ ) [ $\pm 1.5\text{kHz}$ ] deviation.

4. Change the input frequency back to 500Hz.

Repeat steps 2 and 3 above until the deviations achieved at the two input frequencies are within 0.2dB of each other. You will need to do this at least four times.

5. Sweep the audio between 50 and 300Hz for peaks.

**Note:** A peak between 50 and 300Hz will indicate a fault condition, i.e:

- incorrect set-up
- or - modulation circuitry fault.

The specification window is  $\pm 1\text{dB}$  relative to 150Hz from 65 to 260Hz.

## 3.5 Audio Processor Links

### 3.5.1 Link Details

Use the following table to set up the audio processor to the configuration you require. You should set the audio processor links before carrying out any of the tuning and adjustment procedures. The factory settings are shown in brackets [ ].

Plug	Link <sup>a</sup>		Function
PL205	1-2	A	not connected
	[3-4]	B	microphone pre-amp. output to compressor input
	5-6	C	microphone pre-amp. output to multiplexer input
PL210	[1-2]	L	multiplexer output to pre-emphasis input
	3-4	M	multiplexer output to limiter input
	5-6	N	multiplexer output to compressor input
PL215	1-2	G	not connected
	[3-4]	H	compressor output to multiplexer input
	5-6	I	compressor output to limiter input
	7-8	J	compressor output to pre-emphasis input
	9-10	K	not connected
PL220	1-2	D	pre-emphasis output to multiplexer input
	[3-4]	E	pre-emphasis output to limiter input
	5-6	F	not connected

a. The letters in this column and in the table in Section 3.5.2 below refer to the identification letters screen printed onto the PCB beside each pair of pins.

### 3.5.2 Typical Options

	PL205	PL210	PL215	PL220
microphone pre-amp. compressed and pre-emphasised; line input pre-emphasised (standard set-up)	[3-4] B	[1-2] L	[3-4] H	[3-4] E
microphone pre-amp. compressed and pre-emphasised; line input unprocessed	3-4 B	3-4 M	7-8 J	1-2 D
line and microphone compressed and pre-emphasised	5-6 C	5-6 N	7-8 J	3-4 E
microphone pre-amp. compressed; line and microphone flat response	3-4 B	3-4 M	3-4 H	5-6 F



### 3.4.3 Two Point Modulation Adjustment

**Note 1:** In this and following sections deviation settings are given first for wide bandwidth sets, followed by settings in brackets for mid bandwidth sets ( ) and narrow bandwidth sets [ ].

**Note 2:** Reference modulation and limiter adjustment are controlled by PGM800Win. Electronic potentiometers (256 step) are used to allow channel-by-channel adjustment of deviation and two point modulation.

**Note 3:** To optimise the modulation response across the switching range, repeat steps 1-4 below for each channel that will be used (usually needed only for data applications). In applications where the modulation response is less critical (e.g. voice use only), carry out steps 1-4 below on the middle channel and cut and paste the value to all other channels.

1. Inject an audio signal of 500Hz 1.5V rms (+5dBm) into the CTCSS input (D-range 1 (PL100) pin 8).  
Key the transmitter by earthing the Tx Key line.
2. Adjust the output from the audio generator to obtain  $\pm 3\text{kHz}$  ( $\pm 2.4\text{kHz}$ ) [ $\pm 1.5\text{kHz}$ ] deviation at 500Hz.
3. Change the input frequency to 50Hz and adjust "reference modulation" via PGM800Win to obtain  $\pm 3\text{kHz}$  ( $\pm 2.4\text{kHz}$ ) [ $\pm 1.5\text{kHz}$ ] deviation (you can use either the mouse or up and down arrow keys).
4. Change the input frequency back to 500Hz.  
Repeat steps 2 and 3 above until the deviations achieved at the two input frequencies are within 0.2dB of each other. You will need to do this at least four times.
5. Sweep the audio between 50 and 300Hz for peaks.

**Note:** A peak between 50 and 300Hz will indicate a fault condition, i.e:  
           - incorrect set-up  
 or      - modulation circuitry fault.

The specification window is  $\pm 1\text{dB}$  relative to 150Hz from 65 to 260Hz.

### 3.4.4 FM Deviation (Limiter) Adjustment

**Note:** If the T867 will be used over the whole 8MHz switching range, you must set the deviation for each channel. However, if the module will be used on frequencies that cover only a 1MHz (or less) switching range, you can set the deviation on the middle channel and use this value for all other channels with the "fill" option in PGM800Win.

Inject 1kHz at -10dBm into the line input (D-range 1 (PL100) pins 1 & 4; pins 2 & 3 shorted; refer to [Section 2.2](#) of Part F).

?

### 3.3 Test Equipment Required

You will need the following test equipment:

- computer with PGM800Win installed
  - T800 programming kit
  - module programming interface (e.g. T800-01-0004 - optional)
  - 13.8V power supply
  - digital multimeter
  - audio signal generator
  - RF power meter
  - audio voltmeter x 2
  - modulation meter
  - oscilloscope (digital preferred)
  - 20dB pad
  - T800-01-0010 calibration test unit (optional)
- } or RF test set (optional)

Figure 3.1 and Figure 3.2 show typical test equipment set-ups.

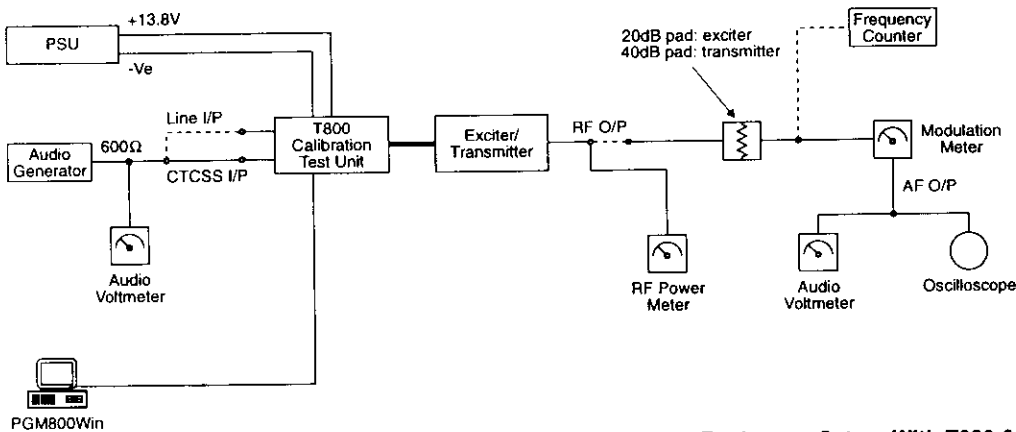


Figure 3.1 T867 Test Equipment Set-up With T800-01-0010

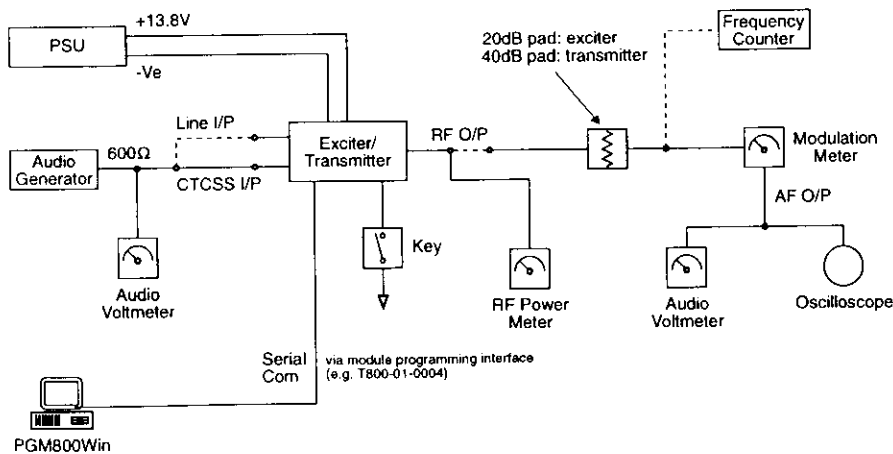


Figure 3.2 T867 Test Equipment Set-up Without T800-01-0010

Section	Title	Page
3.8	Audio Processor	3.10
3.8.1	Two Point Modulation	3.10
3.8.2	Modulator Adjustment	3.10
3.8.3	Limiter Adjustment	3.11
3.8.4	Line Level Without Compressor	3.11
3.8.5	Compressor	3.11
3.8.5.1	Compressor On Line Input Only	3.11
3.8.5.2	Compressor On Microphone Input Only	3.12
3.8.5.3	Compressor On Both Line & Microphone Inputs	3.12

Figure	Title	Page
3.1	T867 Test Equipment Set-up With T800-01-0010	3.4
3.2	T867 Test Equipment Set-up Without T800-01-0010	3.4

## 2.8 T867 Exciter Drive Amplifier

(Refer to Figure 2.2 and the exciter circuit diagram (sheet 3) in Section 6.3.)

A two-stage, wide band amplifier (Q365, Q370) provides an output level of approximately 600mW (+27dBm) for an input of 150mW (+20dBm) from the VCO. IC330 pins 5, 6 & 7, Q310, and Q315 provide a 10.5V regulated supply for the exciter.

To reduce the spurious output level when the synthesiser is out-of-lock, the Tx-Reg. and Lock-Detect signals are gated to inhibit the exciter control circuit and to switch off the RF signal at the input to the drive amplifier. This is achieved by a PIN switch attenuator (D340, D350, D360).

Cyclic keying control is provided by additional circuitry consisting of several time delay, ramp and gate stages:

- Q305, IC330 pins 5, 6 & 7                      power ramping
- Q340, Q345    Tx-Reg. and  $\overline{\text{Lock-Detect}}$  gate
- Q320, Q325, Q330, Q335                      delay and PIN switch drive.

This is to allow the RF power circuits (both exciter and PA) to ramp up and down in a controlled manner so that minimal adjacent channel interference is generated during the transition.

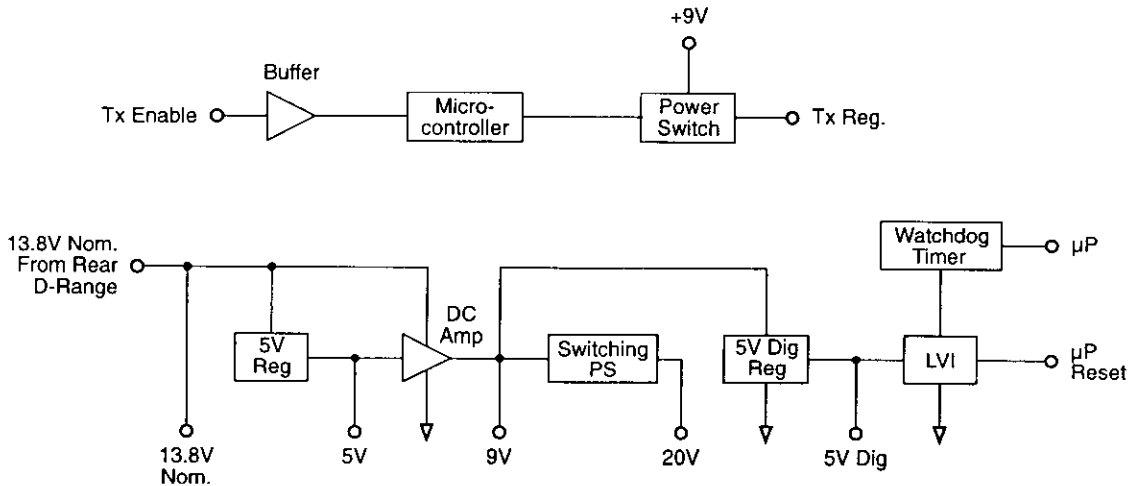
R359, R360 and R362 form a 10dB attenuator to provide good VCO/drive amplifier isolation.

The output attenuator (R392, R390, R394, R396) assists in reducing exciter/PA interaction while also ensuring a good match for Q370.

**Note:** The exciter provides a DC control signal to the PA via the RF coax. This is injected via L390.

## 2.6 Power Supply & Regulator Circuits

(Refer to the regulators circuit diagram (sheet 6) in Section 6.2 or 6.3.)



**Figure 2.6 T867 Power Supply & Regulators Block Diagram**

The T867 is designed to operate from a 10.8-16V DC supply (13.8V nominal). A 5.3V regulator (IC630) runs directly from the 13.8V rail, driving much of the synthesiser circuitry. It is also used as the reference for a DC amplifier (IC640, Q630, Q620) which provides a medium current capability 9V supply.

A switching power supply (Q660, Q670) runs from the 9V supply and provides a low current capability +20V supply. This is used to drive the synthesiser loop filter (IC750), giving a VCO control voltage range of up to 20V, and the Lock-Detect amplifiers.

Ultimate control of the transmitter is via the Tx-Reg. supply, switched from 9V by Q610. This is enabled via the Tx-Enable signal from the audio processor, and microprocessor.

## 2.5 Audio Processor

(Refer to the audio processor circuit diagram (sheet 2) in Section 6.2 or 6.3.)

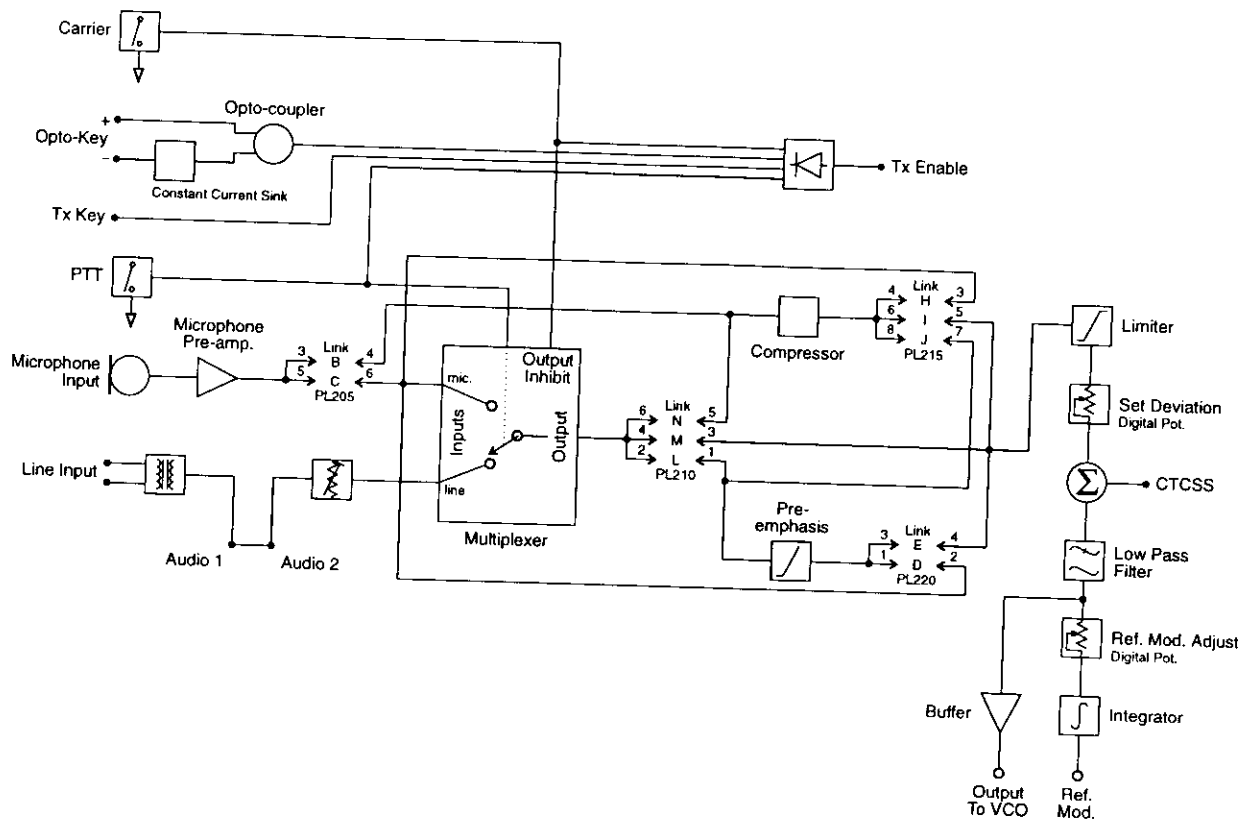


Figure 2.5 T867 Audio Processor Block Diagram

### 2.5.1 General

The audio processor comprises several link selectable circuit blocks which may be configured in a variety of combinations to suit individual requirements. The pre-emphasis network and compressor may be linked individually or cascaded between either or both audio inputs and the limiter.

Refer to Section 3.5.1 for linking details.

### 2.5.2 Audio Inputs

Two audio inputs are available: one from a 600 ohm balanced (or unbalanced) line, and the other from a local microphone. The microphone signal is passed first to a pre-amplifier (Q210) and ultimately to a multiplexer (IC240), but in between may pass through the compressor (depending on the linking details). The line transformer is also connected to the multiplexer and is disabled by the microphone PTT switch.

A third input for external CTCSS tones is also provided.

### 2.3.1 Two Point Modulation

Frequency modulation occurs by modulating both the VCO input and the synthesiser reference input. This process is called two point modulation and ensures a flat modulation response from 67Hz to 3kHz (2.55kHz for narrow bandwidth).

The PLL has a fast response time, allowing a Tx key-up time of <30ms. Because of this fast response time the PLL sees lower modulation frequencies superimposed on the VCO as an error and corrects for it, resulting in no modulation on the carrier. At modulation frequencies greater than 300Hz the loop cannot correct fast enough and modulation is seen on the carrier. The response of the loop to VCO modulation is shown by  $f_2$  in Figure 2.5 below.

To achieve low frequency modulation, the reference oscillator is also modulated so that the phase detector of IC740 detects no frequency error under modulation. Thus, the synthesiser loop will not attempt to correct for modulation and the audio frequency response of the transmitter remains unaffected. The response of the loop to reference frequency modulation is shown by  $f_1$  in Figure 2.5.

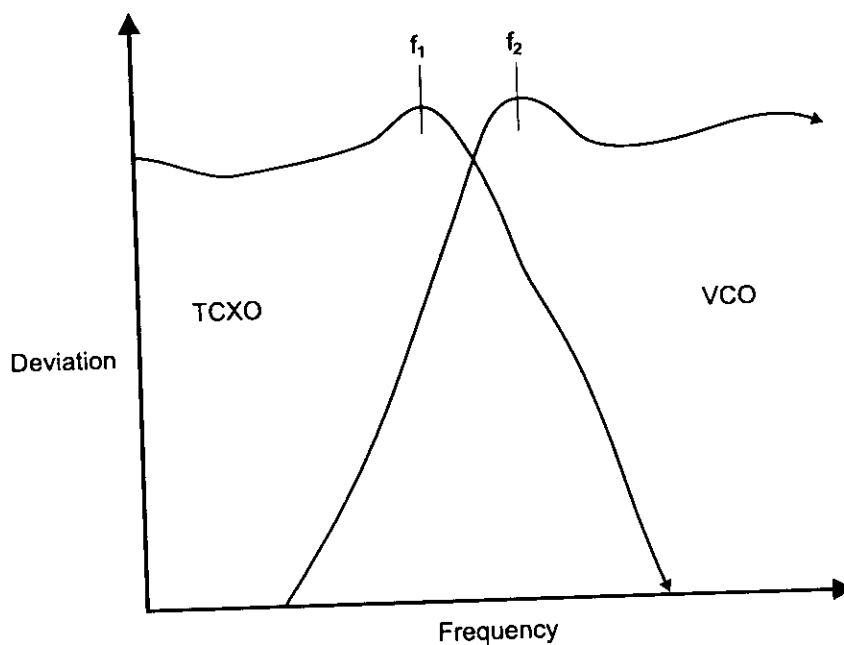


Figure 2.4 T867 Two Point Modulation

## 2.2 Microcontroller

(Refer to the microcontroller circuit diagram (sheet 8) in Section 6.2 or 6.3.)

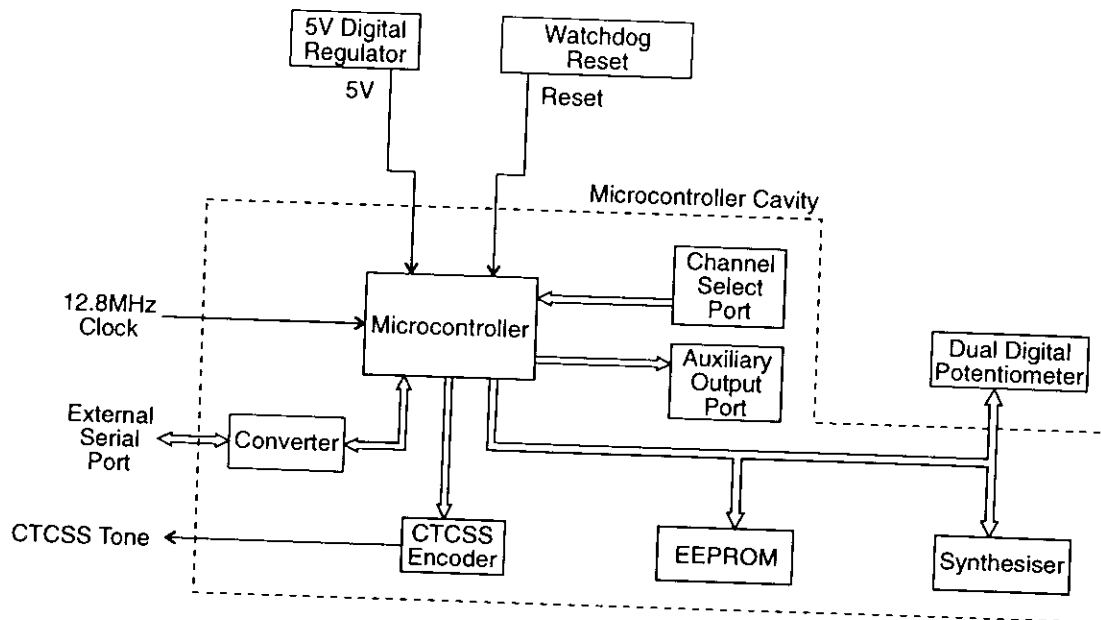


Figure 2.2 T867 Microcontroller Block Diagram

Overall system control of the T867 is accomplished by the use of a member of the 80C51 family of microcontrollers (IC810). It runs from internal ROM and RAM, thus leaving all four ports free for input/output functions.

Non-volatile data storage is achieved by serial communication with a 16kBit EEPROM (IC820). This serial bus is also used by the microcontroller to program the synthesiser (IC740) and deviation control EPOTS (IC220).

The main tasks of the microcontroller are as follows:

- program the synthesiser and EPOT;
- interface with the PGM800Win programming software at 9600 baud via the serial communication lines on D-range 1 (PL100) & D-range 2;
- monitor channel change inputs from D-range 2;
- generate timing waveforms for CTCSS encoding;
- coordinate and implement timing control of the exciter.



<b>Figure</b>	<b>Title</b>	<b>Page</b>
2.1	T867 High Level Block Diagram	2.3
2.2	T867 Microcontroller Block Diagram	2.4
2.3	T867 Synthesiser Block Diagram	2.5
2.4	T867 Two Point Modulation	2.6
2.5	T867 Audio Processor Block Diagram	2.8
2.6	T867 Power Supply & Regulators Block Diagram	2.10
2.7	T867 Transmit Timers	2.11

## 1.4 T867 Standard Product Range

The following table lists the range of standard T867 types (i.e. no options fitted) available at the time this manual was published. Consult your nearest Tait Dealer or Subsidiary for more information.

Frequency Range (MHz)		220-244			
Deviation (kHz)		2.5	2.5	4	5
TCXO <sup>a</sup>	±2.5ppm -30°C to +60°C	•	•	•	•
Exciter Type: T867-		16-0000 <sup>b</sup>	15-0000	13-0000	10-0000

Frequency Range (MHz)		243-270			
Deviation (kHz)		2.5	2.5	4	5
TCXO <sup>a</sup>	±2.5ppm -30°C to +60°C	•	•	•	•
Exciter Type: T867-		26-0000 <sup>b</sup>	25-0000	23-0000	20-0000

Frequency Range (MHz)		265-285			
Deviation (kHz)		2.5	2.5	4	5
TCXO <sup>a</sup>	±2.5ppm -30°C to +60°C	•	•	•	•
Exciter Type: T867-		26-0000 <sup>b</sup>	25-0000	23-0000	20-0000

a. A TCXO with a stability of ±1ppm (0°C to +60°C) is available to suit specific requirements. Contact your nearest authorised Tait Dealer or Subsidiary for further details.

b. United States market only.

You can identify the exciter type by checking the product code printed on a label on the rear of the chassis (Figure 1.1 in Part A shows typical labels). You can further verify the exciter type by checking the placement of an SMD resistor in the table that is screen printed onto the PCB (refer to Section 6.1 for more details).

**ETS 300 113 March 1996**

Radio equipment and systems; land mobile service; technical characteristics and test conditions for radio equipment intended for the transmission of data (and speech) and having an antenna connector.

**ETS 300 219 October 1993**

Radio equipment and systems; land mobile service; technical characteristics and test conditions for radio equipment transmitting signals to initiate a specific response in the receiver.

**ETS 300 279 February 1996**

Radio equipment and systems; electromagnetic compatibility (EMC) standard for private land mobile radio (PMR) and ancillary equipment (speech and/or non-speech).

**1.2.6.2 DTI CEPT Recommendation T/R-24-01**

**Annex I: 1988**

Technical characteristics and test conditions for radio equipment in the land mobile service intended primarily for analogue speech.

**Annex II: 1988**

Technical characteristics of radio equipment in the land mobile service with regard to quality and stability of transmission.

**1.2.6.3 Telecommunications Industry Association**

**ANSI/TIA/EIA-603-1992**

Land mobile FM or PM communications equipment measurement and performance standards.

Intermodulation .. -40dBc with interfering signal of  
 -30dBc  
 .. -70dBc with 25dB isolation  
 & interfering signal of -30dBc  
 (PA with output isolator)

**Radiated Spurious Emissions:**

Transmit .. -36dBm to 1GHz  
 -30dBm to 4GHz  
 Standby .. -57dBm to 1GHz  
 -47dBm to 4GHz

Power Output: .. 600mW  $\pm$ 150mW

## 1.2.4 Audio Processor

### 1.2.4.1 Inputs

Inputs Available .. line, microphone and CTCSS

**Line Input:**

Impedance .. 600 ohms (balanced)  
 Sensitivity (60% modulation @ 1kHz)-  
 With Compressor .. -50dBm  
 Without Compressor .. -30dBm

**Microphone Input:**

Impedance .. 600 ohms  
 Sensitivity (60% modulation @ 1kHz)-  
 With Compressor .. -70dBm  
 Without Compressor .. -50dBm

### 1.2.4.2 Modulation Characteristics

Frequency Response .. flat or pre-emphasised (optional)  
 (below limiting)

**Line And Microphone Inputs:**

Pre-emphasised Response-  
 Bandwidth .. 300Hz to 3kHz (WB & MB)  
 .. 300Hz to 2.55kHz (NB)  
 Below Limiting .. within +1, -3dB of a 6dB/octave  
 pre-emphasis characteristic  
 Flat Response .. within +1, -2dB of output at 1kHz

Above Limiting Response .. within +1, -2dB of a flat response  
 (ref. 1kHz)

Distortion .. 2%

## 1.2 Specifications

### 1.2.1 Introduction

The performance figures given are minimum figures, unless otherwise indicated, for equipment tuned with the maximum switching range and operating at standard room temperature (+22°C to +28°C) and standard test voltage (13.8V DC).

Where applicable, the test methods used to obtain the following performance figures are those described in the EIA and ETS specifications. However, there are several parameters for which performance according to the CEPT specification is given. Refer to Section 1.2.6 for details of test standards.

Details of test methods and the conditions which apply for Type Approval testing in all countries can be obtained from Tait Electronics Ltd.

The terms "wide bandwidth", "mid bandwidth" and "narrow bandwidth" used in this and following sections are defined in the following table.

	Channel Spacing	Modulation 100% Deviation	Receiver IF Bandwidth
Wide Bandwidth	25kHz	±5.0kHz	15.0kHz
Mid Bandwidth	20kHz	±4.0kHz	12.0kHz
Narrow Bandwidth	12.5kHz	±2.5kHz	7.5kHz

### 1.2.2 General

Number Of Channels .. 128 (standard)<sup>1</sup>

#### Supply Voltage:

Operating Voltage .. 10.8 to 16V DC  
 Standard Test Voltage .. 13.8V DC  
 Polarity .. negative earth only  
 Polarity Protection .. diode  
 Line Keying Supply (if required) .. -50V DC

#### Supply Current:

Transmit .. 600mA  
 Standby .. 150mA (typical)

Operating Temperature Range .. -30°C to +60°C

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1. Additional channels may be factory programmed. Contact your nearest Tait Dealer or Subsidiary.











Unscrew the stud nuts for power transistors Q59, Q60, Q61 and Q62.

Remove the 14 PCB retaining screws.

Push the 3 LEDs out of their front panel grommets.

Lift the PCB gently from the heatsink to gain access to the underside of the PCB.

**Note:** R405, R406 and #IC6 may be stuck down with heatsink compound. You may need to carefully prise them away from the heatsink with a small screwdriver. Keep the heatsink compound clean while the PCB is detached.



**Caution:** Do not operate the PA with the PCB detached as the heatsink is used for earthing and for the dissipation of heat generated within the transistors.

To replace the PCB, reverse the order of removal, taking care that the wiring is correctly routed and is not subjected to 'pinching'.

Make sure that the heatsink compound has stayed clean, and that the insulating pad for Q20 is not damaged.

If you have difficulty refitting the LEDs, try pushing the body of the LED back into the grommet with a thin screwdriver or spike.

## 4.6 To Replace PA Transistors

**Caution:**

Failure to comply with the following procedure can result in failure of the device due to poor heatsinking, or worse, can endanger the health of the assembler if the beryllium oxide die carrier is smashed during assembly.

**Caution:**

As the location of certain components in the PA is critical to performance, it is important that any components removed or disturbed are refitted in *exactly* the same position.

**Caution:**

Before attempting to remove a transistor, note the position, type and value of each capacitor so that it can be replaced in *exactly* the same position (refer to Figure 4.2).

**Note:**

On T869 PCBs identified with IPN 220-01371-01 there is an error in the encoding which indicates the placing of the output capacitors for Q59 and Q60. The corrections are shown in the drawing on page D5.2.11.

Remove the chip capacitors from around the transistor.

Desolder the transistor tabs by heating with a soldering iron and lifting away from the PCB with a screwdriver or thin stainless steel spike. Unscrew the transistor stud nut and remove the device.

Trim the tabs of the replacement transistor so that the device sits neatly on the PCB lands provided.

Lightly tin the underside of the transistor tabs.

Apply a small amount of heatsink compound (Dow-Corning 340 or equivalent) to the transistor mounting surface. Sufficient compound should be used to ensure an even film over the entire mounting surface.

Place the transistor on the PCB in the correct orientation and ensure the tabs are flush to the surface. Lightly solder one tab to the PCB. Torque down the retaining nut to the correct torque (6lb-in./0.7Nm).

**Caution:**

Do not solder all the tabs before torquing down otherwise the device may be broken.

Solder all transistor tabs to the PCB.

Replace each capacitor in exactly the same position as noted previously.

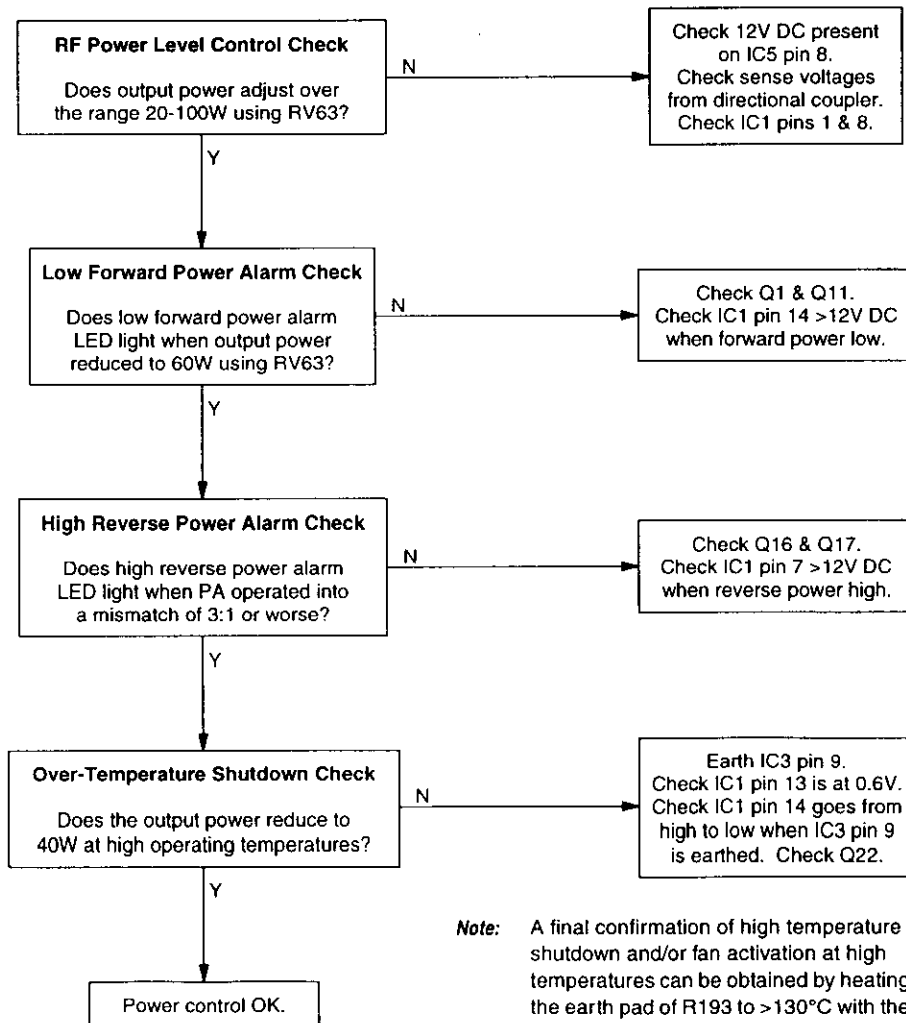
## 4.5.2 Power Control

Approximate voltages (@ 260MHz) under normal operating conditions:

Forward & Reverse Power Measurement	Output Power	
	40W	100W
forward power at IC1 pin 1	2V	—
forward power at IC1 pin 2	—	3.2V
reverse power at IC1 pin 8	0.5V	—
reverse power at IC1 pin 2	—	0.8V

### Caution

The following voltage checks are all done with RV69 (driver power clamp) set to maximum.



**Note:** A final confirmation of high temperature shutdown and/or fan activation at high temperatures can be obtained by heating the earth pad of R193 to >130°C with the tip of a soldering iron. Take care not to damage R193.

replace A4 pages D4.5/D4.6 with A3 pages D4.5/D4.6

## 4.4 RF Checks

The PA Fault Finding Chart (Section 4.5.1) provides a systematic approach for locating a fault in the RF circuitry. Use this chart in conjunction with Figure 4.1, which shows the locations of the 50 $\Omega$  input and output test points for RF module #IC6 and RF transistors Q59-Q62.

Device	Input Connection	Output Connection
#IC6	input BNC connector or SK2	C116
Q59 & Q60	junction of L500 & L101	junction of L102 & L501
Q61 & Q62	junction of L500 & L107	junction of L104 & L501

**Note 1:** Use good quality 50 $\Omega$  coax for the "flying" test leads.

**Note 2:** Ensure each output is terminated in a 50 $\Omega$  load of the correct power rating.

For problems with the power control circuitry, refer to the Power Control Fault Finding Chart (Section 4.5.2).



## 3.8 Setting Alarm Levels

**Note:** If forward and reverse power metering is being used, set up their calibration (Section 3.6 and Section 3.7) before setting the alarm levels.

### 3.8.1 Forward Power

Power up the T869 and adjust the front panel power control (RV63) so that the output power is at the alarm level required (e.g. 80W if the PA normally operates at 100W).

Adjust the forward power alarm set control (RV48) so that the forward power alarm LED lights.

Check the alarm level setting by adjusting the power up and down and observing the alarm LED. A few watts hysteresis can be expected.

Readjust RV63 for the normal operating level.

**Note:** Remote indication is available at D-range pin 3.

### 3.8.2 Reverse Power

Power up the T869 and adjust the front panel power control (RV63) for the normal operating power level.

Place a known mismatch of the required value (e.g. 3:1 VSWR) and adjust the reverse power alarm set control (RV52) so that the reverse power alarm LED lights.

**Example:** A VSWR of 3:1 can be simulated by connecting an unterminated 3dB pad (100W) to the PA output. This will result in a return loss of 6dB.

**Note:** Remote indication is available at D-range pin 4.



Check that the regulated power control supply is approximately 7V.

**Note:** The output power and alarm levels should be set with the cover shield on. If the cover is removed for other adjustment procedures, make a final check of the output power and alarm levels with the cover shield on.

### 3.3 Setting The Output Power



**Caution:** If the temperature shutdown power level has not yet been set or is unknown, check that the unit does not overheat while setting the output power.

**Note 1:** Cables and connectors can easily cause a power loss of several watts if either too long or poorly terminated. Always use the shortest possible leads (or connectors instead of leads) between the T869 and power meter set-up.

**Note 2:** You will need appropriate extension leads if you wish to carry out the adjustment procedures with the T869 withdrawn from the rack in the latched position. Alternatively, disconnect and withdraw the T869 and reconnect it behind the rack.

**Note 3:** The actual power used may be limited by regulatory requirements.

Connect the exciter output to the PA input via a thru-line wattmeter with a 1W full scale reading. Special BNC/N leads will be required.

Connect an RF power meter to the PA output. Set the front panel power control preset (RV63) and the driver power clamp (RV69) fully clockwise.

Key on the drive source.

Check that the power output exceeds 120W.

**Note:** If the output power level is low, check that the temperature shutdown circuit has not activated by verifying that IC3 pin 8 is low.

Adjust RV69 to reduce the maximum power output to 110W.

Adjust RV63 to set the power output to the required level (e.g. 100W).



### 2.3.5 Forward And Reverse Power Metering

Forward and reverse power signals from the two IC1 buffers are available for metering purposes. The output currents are adjustable via RV43 (forward power) and RV57 (reverse power).

### 2.3.6 Fan Control Circuitry

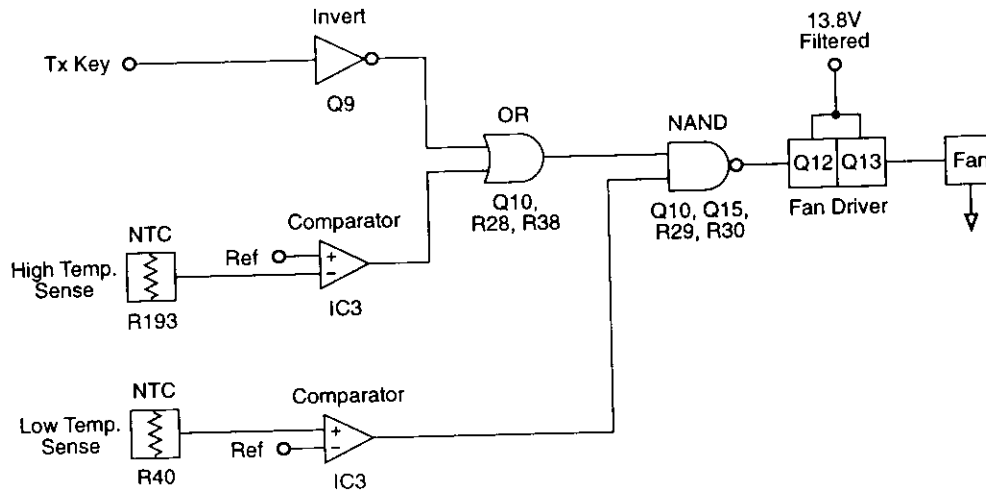


Figure 2.4 T869 Fan Control Logic Diagram

Comparator IC3 pins 12, 13 & 14 are set to trigger at heatsink temperatures greater than +70°C, and pins 1, 2 & 3 at temperatures greater than -10°C.

A logic AND function is applied to the comparator outputs by Q10 and Q15, thereby turning on the fan unconditionally (via Q12 and Q13) if the heatsink temperature exceeds +70°C.

A logic OR function is applied to comparator IC3 pins 12, 13 & 14 and Tx KEY signals, thereby turning on the fan when the transmitter is keyed and the temperature is between -10°C and +70°C.

If the temperature drops below -10°C, Q15 is turned off, preventing Q10 from activating the fan.

## 2.3 Control Circuitry

(Refer to the control section circuit diagram in Section 5.)

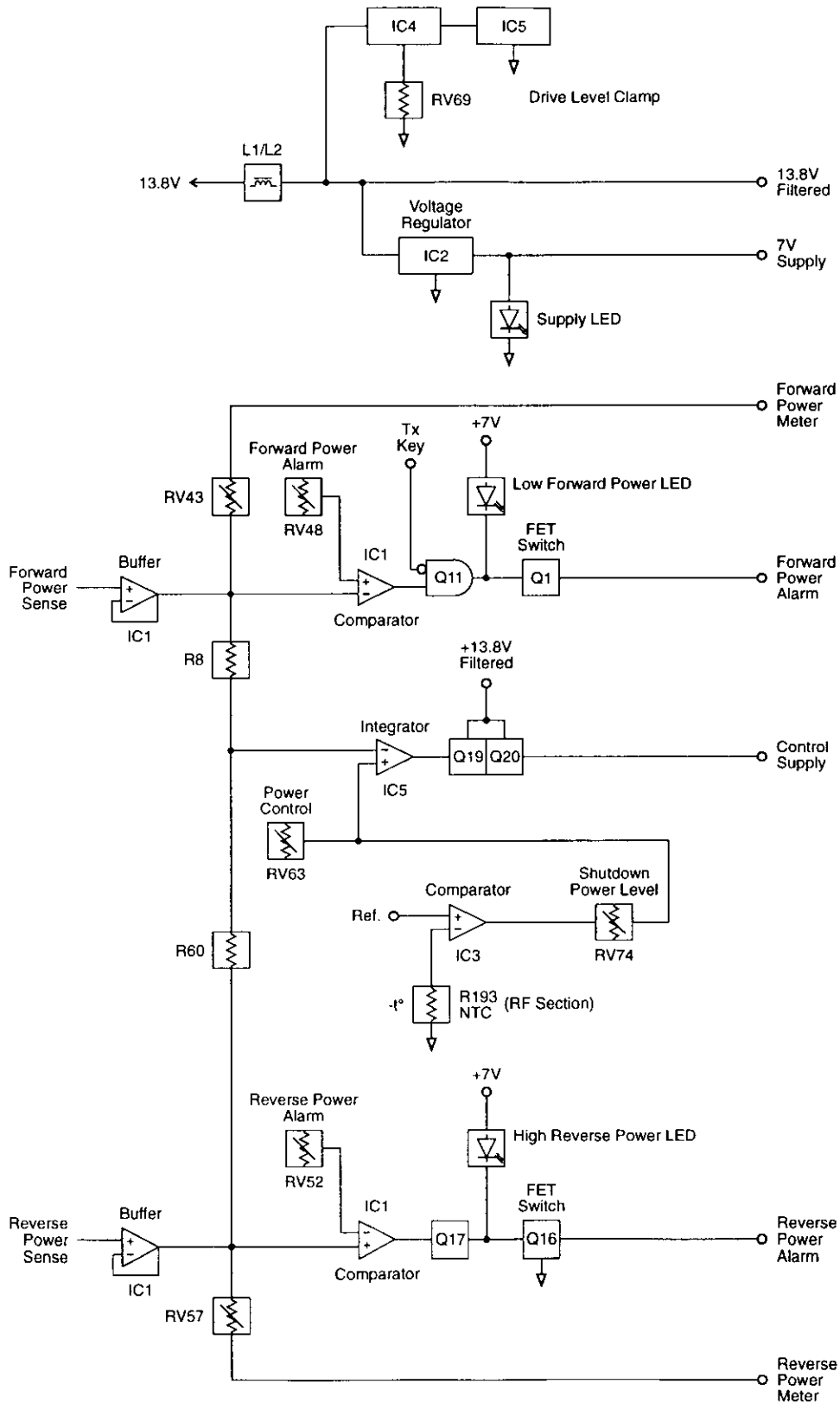
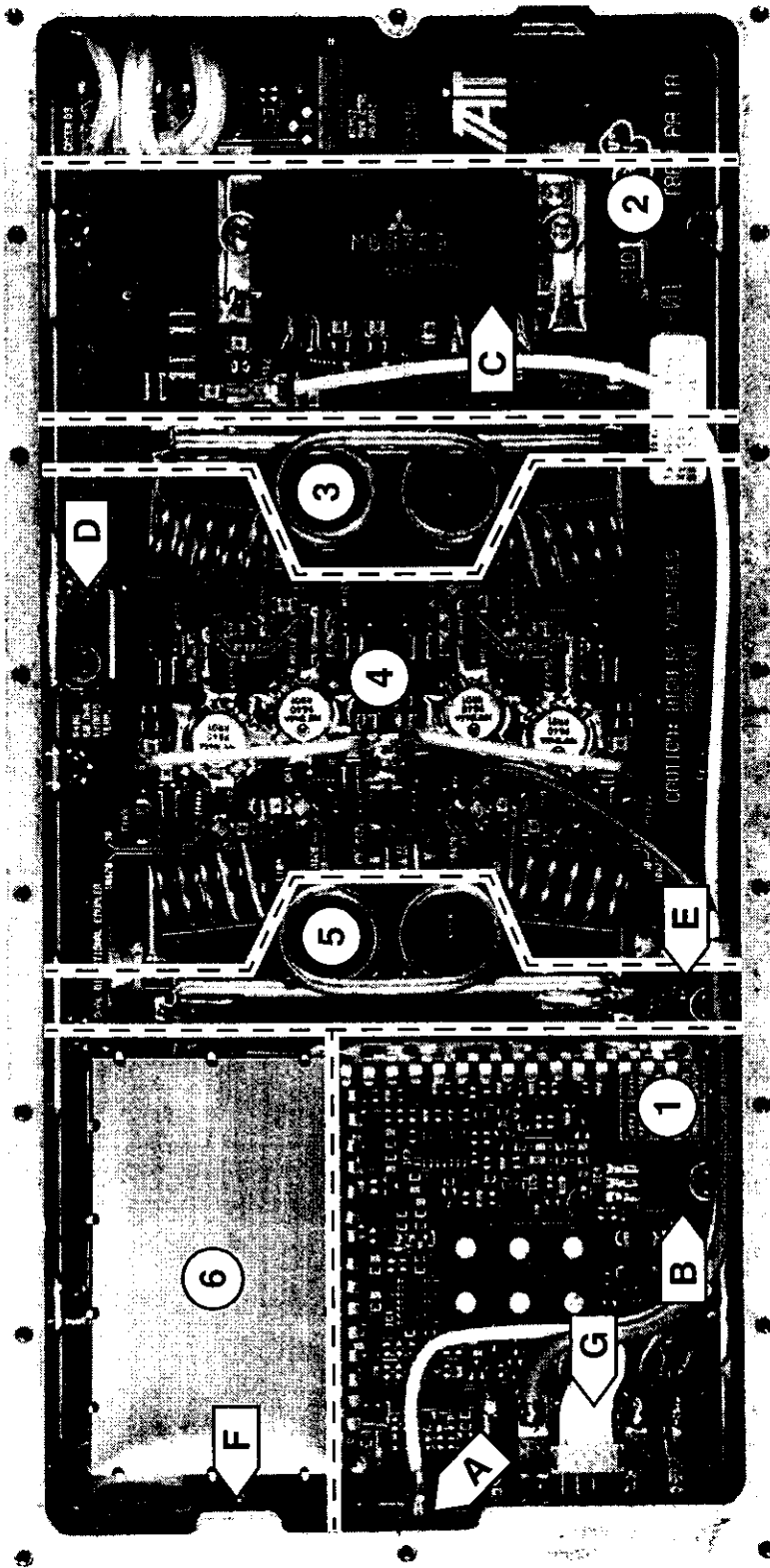


Figure 2.3 T869 Control Circuitry Block Diagram



- Key:**
- 1 power control & alarms
  - 2 drive amplifier
  - 3 input splitter
  - 4 final amplifiers
  - 5 output combiner
  - 6 low pass filter & directional coupler
  - A RF input
  - B power control transistor (Q20)
  - C power module
  - D input hybrid termination
  - E output hybrid termination
  - F RF output
  - G D-range connector (incl. DC in, alarm & metering outputs - refer to Section F2.2)

Figure 2.2 T869 Main Circuit Block Identification



## 1.3 Product Codes

Frequency Range (MHz)	220-244	243-270	265-285
PA Type: T869-	10	20	30

## 1.2 Specifications

### 1.2.1 Introduction

The performance figures given are minimum figures, unless otherwise indicated, for equipment tuned with the maximum switching band and operating at standard room temperature (+22°C to +28°C).

Where applicable, the test methods used to obtain the following performance figures are those described in the EIA specification. However, there are several parameters for which performance according to the CEPT specification is given.

Details of test methods and the conditions which apply for Type Approval testing in all countries can be obtained from Tait Electronics Ltd.

### 1.2.2 General

#### Power Output:

Rated Power	.. 100W
Range Of Adjustment	.. 20 to 110W (typical)

Input Power	.. 600mW ±150mW
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Duty Cycle Rating:	.. 100W continuous to +60°C
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Intermodulation (PA with output isolator)	.. -70dBc or -40dBi <sup>1</sup> with 25dB isolation & interfering signal of -30dBc
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#### Mismatch Capability:

Ruggedness	.. infinite VSWR
Stability	.. 5:1 VSWR (all phase angles)

#### Supply Voltage:

Operating Voltage	.. 10.8 to 16V DC
Standard Test Voltage	.. 13.8V DC
Polarity	.. negative earth only
Polarity Protection	.. diode

#### Supply Current:

Standby	.. 50mA
Transmit	.. 20A (16A typical @ 270MHz)

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1. dBi denotes the level of the intermodulation product relative to the interfering signal.





