

TK-3130/3131 Semiconductor List

REF.NO	PARTNO	'0-10	PART NAME(E)	DESCRIPTION
D1	MA2S111	9	1 DIODE	UNLOCK DETECT
D3	MA2S111	9	1 DIODE	CURRENT STEERING
D4	MA360	9	1 VARIABLE CAPACITANCE DIODE	FREQ. CONTROL
D8	MA360	9	1 VARIABLE CAPACITANCE DIODE	TX MODULATION
D9	HSC277	9	1 DIODE	RF SWITCH
D10	HSC277	9	1 DIODE	RF SWITCH
D12	HVC131	9	1 DIODE	ANTENNA SWITCH
D13	HSC277	9	1 DIODE	ANTENNA SWITCH
D16	MA742	9	1 DIODE	NOISE DETECT
D17	HSC277	9	1 DIODE	CURRENT STEERING
D200	B30-2143-05	9	1 LED	LCD BACKLIGHT
D201	N B30-2242-05	9	1 LED	TX/BUSY
D202	MA742	9	1 DIODE	AF DETECT
D204	DAN222	9	1 DIODE	MIC MUTE/AGC SWITCH
D205	1SS372	9	1 DIODE	AGC DETECT
D207	MA2S111	9	1 DIODE	PROTECTION
D208	N HZU3CLL	9	1 DIODE	SURGE ABSORPTION
D209	1SR154-400	9	1 DIODE	REVERSE PROTECTION
D210	KDZ4.7EV	9	1 ZENER DIODE	VOLTAGE PROTECTION
IC1	TB31202FN	9	1 MOS IC	PHASE LOCKED LOOP SYSTEM
IC2	TA31136FN	9	1 MOS IC	IF SYSTEM
IC200	N XC61CN2902N	8	1 MOS IC	VOLTAGE DETECT
IC201	N XC61CN2702N	8	1 MOS IC	RESET SWITCH
IC203	24LC08BT-1SN	9	1 ROM IC	EEPROM
IC204	N MN101C54AKA	7	1 MPU	MICRO PROCESSOR
IC205	N AK2368	8	1 MOS IC	BASE BAND
IC206	NJM2100V	9	1 MOS IC	ACTIVE FILTER
IC207	NJM2100V	9	1 MOS IC	MIC AMP/LIMIT
IC208	N LM4865M	9	1 BI-POLAR IC	AUDIO POWER AMP
IC209	N TK71530ASCL	9	1 MOS IC	VOLTAGE REGULATER
IC213	N TK71530ASCL	9	1 MOS IC	VOLTAGE REGULATER
IC214	TC7W74FU	8	1 MOS IC	DIVIDER

Semiconductor List

FCC ID: ALH33293110
Model Name: TK-3130/3131

REF.NO	PARTNO	'0-10	PART NAME(E)	DESCRIPTION	
Q1	2SC5108(Y)	9	1	TRANSISTOR	RF AMP
Q2	DTC144EE	9	1	TRANSISTOR	DC SWITCH (T/R)
Q3	2SC4617(S)	9	1	TRANSISTOR	RIPPLE FILTER
Q4	2SC5066(O)	9	1	TRANSISTOR	VCO
Q5	2SC5108(Y)	9	1	TRANSISTOR	RF BUFFER AMP
Q6	2SC5108(Y)	9	1	TRANSISTOR	RF AMP
Q7	2SC5108(Y)	9	1	TRANSISTOR	RF AMP
Q8	2SC4226(R24)	9	1	TRANSISTOR	TX PRE-DRIVE
Q9	N 2SK3078	9	1	FET	TX DRIVE
Q10	N NE5510279A	8	1	FET	TX FINAL
Q11	DTC114TE	9	1	TRANSISTOR	TEMPERATURE PROTECTION SWITCH
Q13	2SK1824	9	1	FET	DC SWITCH
Q14	DTC144EE	9	1	TRANSISTOR	DC SWITCH (Hi/Lo)
Q18	3SK274	9	1	FET	RF AMP
Q19	3SK320	9	1	FET	MIXER
Q20	KTC4082	9	1	TRANSISTOR	IF AMP
Q21	2SC4738(GR)	9	1	TRANSISTOR	NOISE AMP
Q22	KTC4082	9	1	TRANSISTOR	TRIPLER
Q200	DTC114EE	9	1	TRANSISTOR	DC SWITCH
Q201	DTC114EE	9	1	TRANSISTOR	DC SWITCH
Q202	DTC114EE	9	1	TRANSISTOR	DC SWITCH
Q210	2SC4919	9	1	TRANSISTOR	MIC MUTE/AGC
Q212	2SC4617(R,S)	9	1	TRANSISTOR	DC SWITCH
Q213	2SK1824	9	1	FET	AUDIO MUTE SWITCH
Q214	KTA1298(Y)	9	1	TRANSISTOR	AF AMP POWER SUPPLY
Q216	3LN02C	9	1	FET	VIBRATION SWITCH
Q217	2SK1824	9	1	FET	VOX AMP
Q218	DTA123JE	9	1	TRANSISTOR	DC SWITCH
Q219	DTA123JE	9	1	TRANSISTOR	DC SWITCH
Q220	DTA123JE	9	1	TRANSISTOR	DC SWITCH
Q221	DTC114YE	9	1	TRANSISTOR	BEAT SHIFT SWITCH

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PARTNO	PS	'0-10	PART NAME(E)
Z92-0855-02		X	UNIT WIRING DIAGRAM
Z92-0856-02		X	UNIT WIRING DIAGRAM
J72-0857-09	9	1/2	PRINTED WIRING BOARD
A13-1634-03		1	FRAME
B11-1285-03		1	ILLUMINATION GUIDE
B38-0866-05		1	LCD
E11-0457-05		1	PHONE JACK
E29-1194-04		1	INTER CONNECTOR
E40-6213-05	9	1	PIN ASS'Y
E40-6214-05	9	1	PIN ASS'Y SOCKET
F10-2418-04		1	SHIELDING CASE
F53-0217-05	9	1	FUSE
G13-1751-04		1	CUSHION
J21-8427-04		1	HARDWARE FIXTURE
J30-1212-04		1	SPACER
N39-2030-46		1	PAN HEAD MACHINE SCREW
S70-0434-05		1	TACT SWITCH
T42-0335-05		1	MOTOR
T91-0631-05		1	MIC ELEMENT
DAN222	9	1	DIODE
HSC277	9	4	DIODE
HVC131	9	1	DIODE
MA2S111	9	3	DIODE
MA742	9	2	DIODE
1SR154-400	9	1	DIODE
1SS372	9	1	DIODE
B30-2143-05	9	1	LED
B30-2242-05	9	1	LED
KDZ3.3V	9	1	ZENER DIODE
KDZ4.7EV	9	1	ZENER DIODE
MA360	9	2	VARIABLE CAPACITANCE DIODE
2SC4226(R24)	9	1	TRANSISTOR
2SC4617(S)	9	1	TRANSISTOR
2SC4738(GR)	9	1	TRANSISTOR
2SC4919	9	1	TRANSISTOR
2SC5066(O)	9	1	TRANSISTOR
2SC5108(Y)	9	4	TRANSISTOR
DTA123JE	9	3	TRANSISTOR
DTC114EE	9	4	TRANSISTOR
DTC114TE	9	2	TRANSISTOR
DTC144EE	9	1	TRANSISTOR

PARTNO	PS	'0-10	PART NAME(E)
KTA1298(Y)	9	1	TRANSISTOR
KTC4082	9	2	TRANSISTOR
NE5510279A	8	1	FET
2SK1824	9	4	FET
2SK3078	9	1	FET
3LN02C	9	1	FET
3SK274	9	1	FET
3SK320	9	1	FET
157-503-65001	9	1	THERMISTOR
AK2368	8	1	MOS IC
LM4865M	9	1	BI-POLAR IC
MN101C54AKA	7	1	MPU
NJM2100V	9	2	MOS IC
TA31136FN	9	1	MOS IC
TB31202FN	9	1	MOS IC
TC7W74FU	8	1	MOS IC
TK71530ASCL	9	2	MOS IC
XC61CN2702N	8	1	MOS IC
XC61CN2902N	8	1	MOS IC
24LC08BT-ISN	9	1	ROM IC
R12-7488-05	9	1	SEMI FIXED VARIABLE RESISTOR
R12-7491-05	9	1	SEMI FIXED VARIABLE RESISTOR
R12-7494-05	9	1	SEMI FIXED VARIABLE RESISTOR
R92-1252-05	9	2	METAL GLAZE RESISTOR (0 OHM)
R92-1368-05	9	14	METAL GLAZE RESISTOR (0 OHM)
R31-0640-05		1	VARIABLE RESISTOR
R32-0647-05	9	1	SEMI FIXED VARIABLE RESISTOR