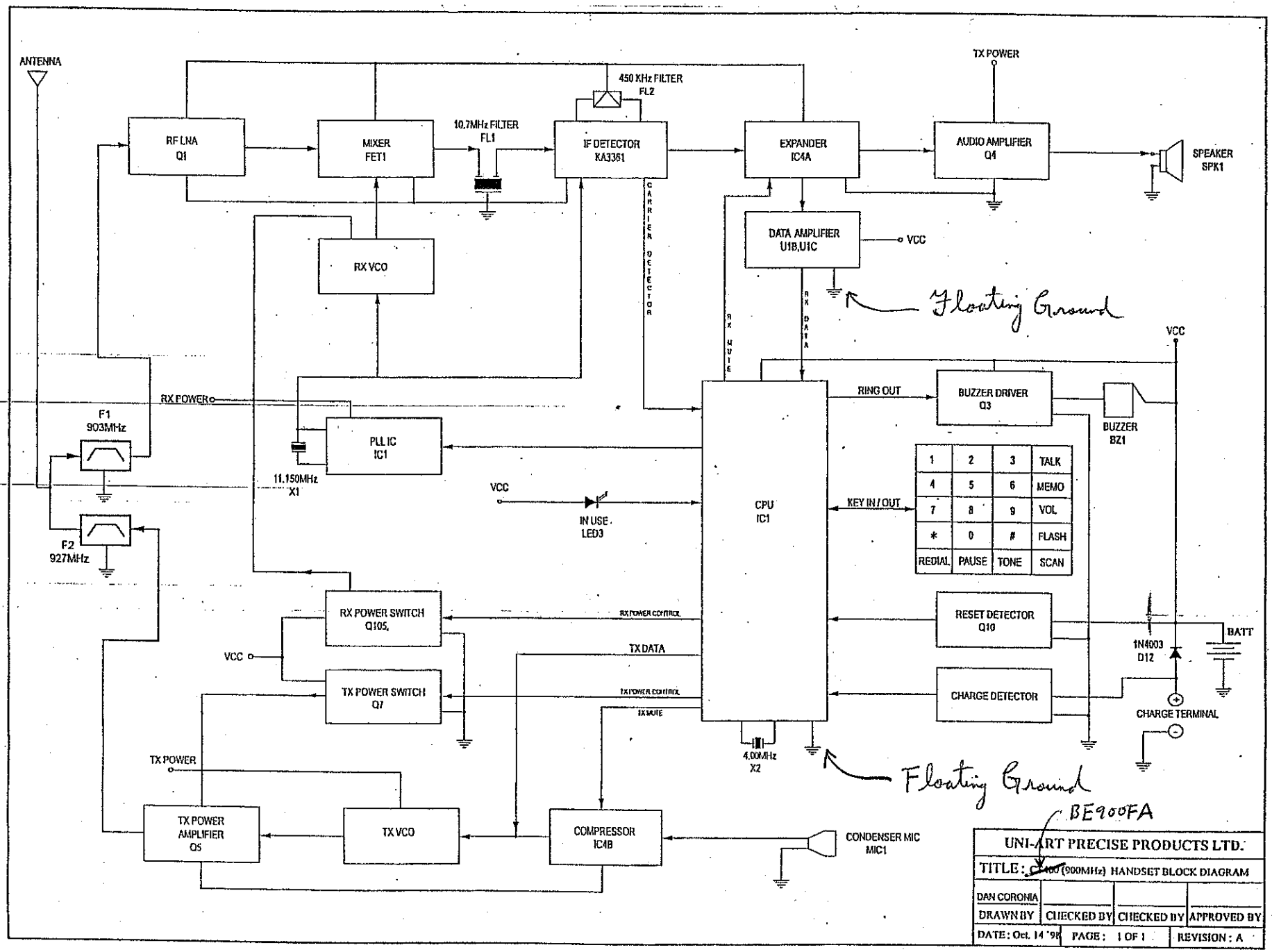
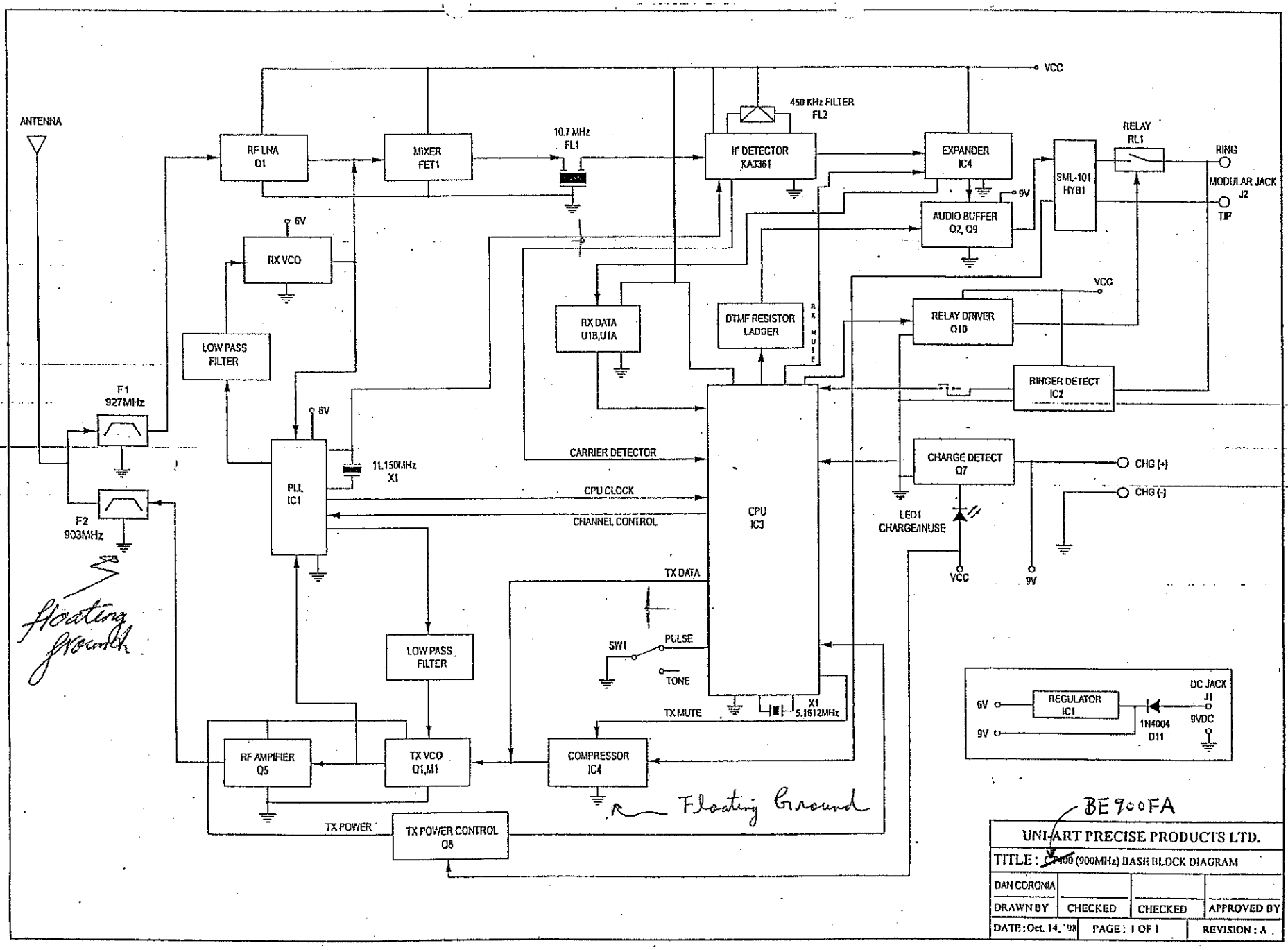

ANTENNA
RF LNA
Q1
MIXER
FET1
10.7MHz FILTER
FL1
450 KHz FILTER
FL2
IF DETECTOR
KA3361
EXPANDER
IC4A
AUDIO AMPLIFIER
Q4
TX POWER
SPEAKER
SPK1
RX VCO
DATA AMPLIFIER
U1B,U1C
VCC
Floating Ground
CARRIER DETECTOR
RX MUTE
RX DATA
RX POWER
F1
903MHz
F2
927MHz
PLL IC
IC1
11.150MHz
X1
VCC
IN USE
LED3
CPU
IC1
RING OUT
BUZZER DRIVER
Q3
BUZZER
BZ1
KEY IN / OUT
1 2 3 TALK
4 5 6 MEMO
7 8 9 VOL
* 0 # FLASH
REDIAL PAUSE TONE SCAN
RX POWER SWITCH
Q105,
RX POWER CONTROL
RESET DETECTOR
Q10
BATT
1N4003
D12
VCC
TX DATA
TX POWER SWITCH
Q7
TX POWER CONTROL
TX MUTE
CHARGE DETECTOR
CHARGE TERMINAL
4.00MHz
X2
Floating Ground
TX POWER
TX POWER
AMPLIFIER
Q5
TX VCO
COMPRESSOR
IC4B
CONDENSER MIC
MIC1
BE900FA
UNI-ART PRECISE PRODUCTS LTD.
TITLE : (900MHz) HANDSET BLOCK DIAGRAM
DAN CORONIA
DRAWN BY
CHECKED BY
CHECKED BY
APPROVED BY
DATE : Oct. 14 '98
PAGE : 1 OF 1
REVISION : A


ANTENNA
RF LNA Q1
MIXER FET1
10.7 MHz FL1
450 KHz FILTER FL2
IF DETECTOR KA3361
EXPANDER IC4
VCC
9V
6V
RELAY RL1
RING
MODULAR JACK J2
TIP
SML-101 HYB1
AUDIO BUFFER Q2, Q9
RX VCO
LOW PASS FILTER
RX DATA U1B,U1A
DTMF RESISTOR LADDER
RX MUTE
RELAY DRIVER Q10
RINGER DETECT IC2
F1 927MHz
F2 903MHz
PLL IC1
11.150MHz X1
CARRIER DETECTOR
CPU CLOCK
CHANNEL CONTROL
CPU IC3
CHARGE DETECT Q7
CHG (+)
CHG (-)
LED1 CHARGE/INUSE
TX DATA
SW1
PULSE
TONE
TX MUTE
X1 5.1612MHz
LOW PASS FILTER
RF AMPIFIER Q5
TX VCO Q1,M1
COMPRESSOR IC4
TX POWER
TX POWER CONTROL Q8
Floating Ground
REGULATOR IC1
1N4004 D11
DC JACK J1
9VDC
Floating Ground
BE900FA
UNI-ART PRECISE PRODUCTS LTD.
TITLE : 900 (900MHz) BASE BLOCK DIAGRAM
DAN CORONIA
DRAWN BY
CHECKED
CHECKED
APPROVED BY
DATE : Oct. 14, '98
PAGE : 1 OF 1
REVISION : A