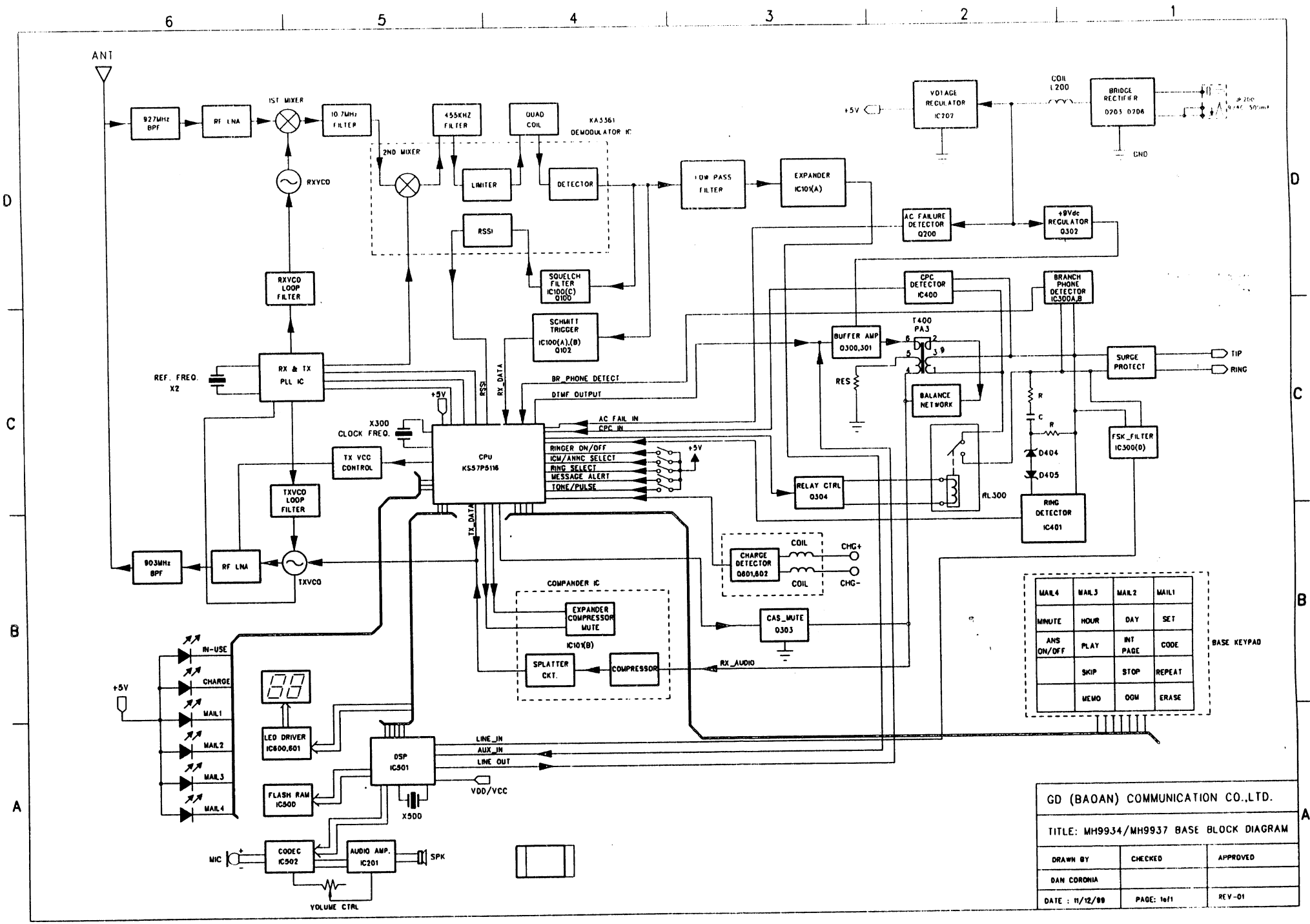
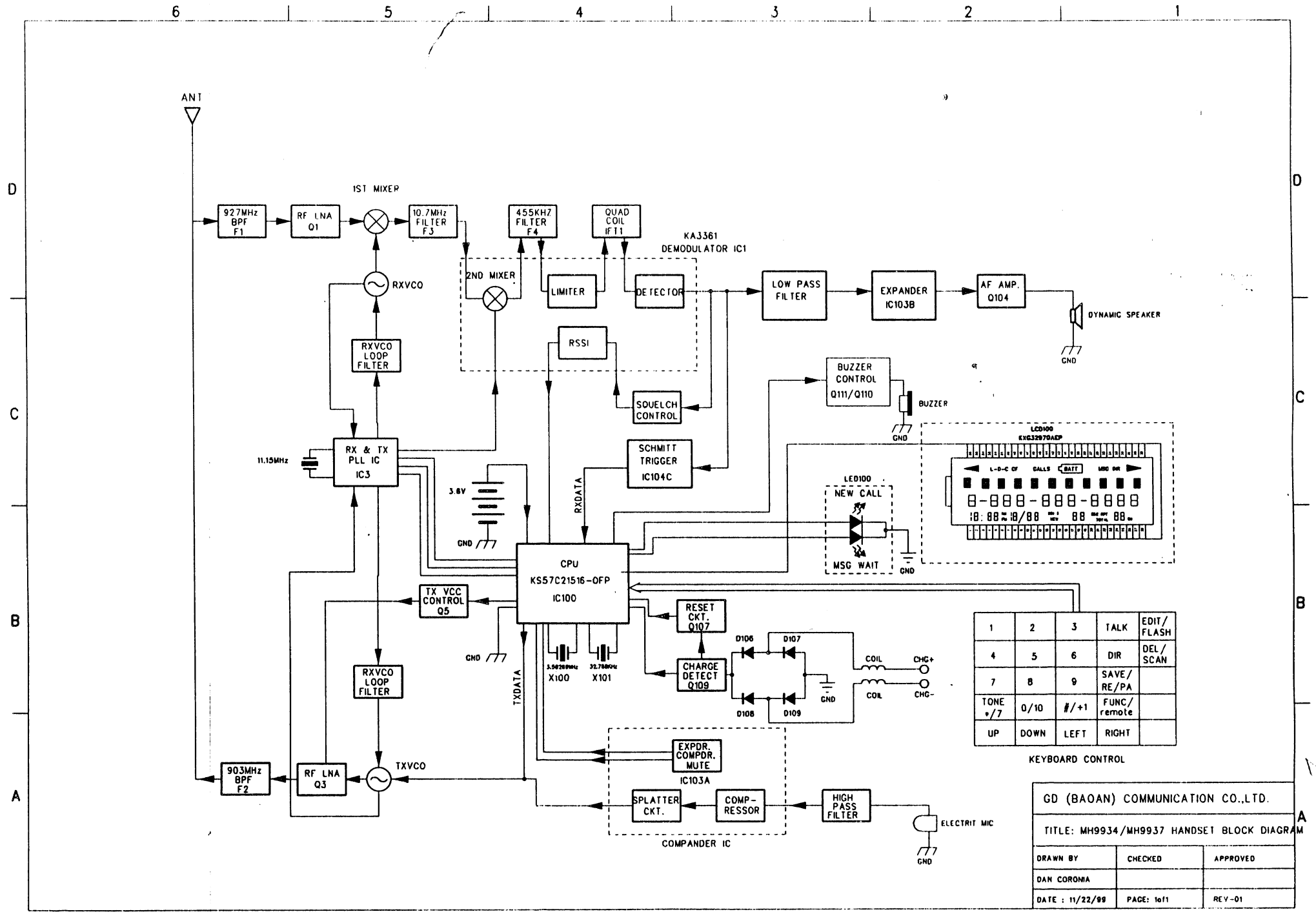

ANT
927MHz BPF
RF LNA
1ST MIXER
10.7MHz FILTER
455KHZ FILTER
QUAD COIL
KA3361 DEMODULATOR IC
2ND MIXER
RXVCO
LIMITER
DETECTOR
RSSI
LOW PASS FILTER
EXPANDER IC101(A)
VOLTAGE REGULATOR IC207
+5V
COIL L200
BRIDGE RECTIFIER D203 D206
GND
AC FAILURE DETECTOR Q200
+9Vdc REGULATOR Q302
RXVCO LOOP FILTER
SQUELCH FILTER IC100(C) Q100
CPC DETECTOR IC400
BRANCH PHONE DETECTOR IC300A,B
SCHMITT TRIGGER IC100(A),(B) Q102
BUFFER AMP Q300,301
T400 PA3
SURGE PROTECT
TIP
RING
REF. FREQ. X2
RX & TX PLL IC
RSSI
RX_DATA
BR_PHONE DETECT
DTMF OUTPUT
RES
BALANCE NETWORK
R
C
R
FSK_FILTER IC300(D)
D404
D405
X300 CLOCK FREQ.
CPU KS57P5116
AC FAIL IN
CPC IN
RINGER ON/OFF
ICM/ANNC SELECT
RING SELECT
MESSAGE ALERT
TONE/PULSE
+5V
TX VCC CONTROL
RELAY CTRL Q304
RL300
RING DETECTOR IC401
TXVCO LOOP FILTER
TX_DATA
903MHz BPF
RF LNA
TXVCO
CHARGE DETECTOR Q801,802
COIL
COIL
CHG+
CHG-
COMPANDER IC
EXPANDER COMPRESSOR MUTE
IC101(B)
CAS_MUTE Q303
SPLATTER CKT.
COMPRESSOR
RX_AUDIO
IN-USE
CHARGE
MAIL1
MAIL2
MAIL3
MAIL4
+5V
LED DRIVER IC600,601
DSP IC501
LINE_IN
AUX_IN
LINE OUT
VDD/VCC
FLASH RAM IC500
X500
CODEC IC502
AUDIO AMP. IC201
MIC
SPK
VOLUME CTRL
MAIL4 MAIL3 MAIL2 MAIL1
MINUTE HOUR DAY SET
ANS ON/OFF PLAY INT PAGE CODE
SKIP STOP REPEAT
MEMO OGM ERASE
BASE KEYPAD
GD (BAOAN) COMMUNICATION CO.,LTD.
TITLE: MH9934/MH9937 BASE BLOCK DIAGRAM
DRAWN BY
CHECKED
APPROVED
DAN CORONIA
DATE : 11/12/99
PAGE: 1of1
REV-01


ANT
1ST MIXER
927MHz BPF F1
RF LNA Q1
10.7MHz FILTER F3
455KHZ FILTER F4
QUAD COIL IFT1
KA3361 DEMODULATOR IC1
2ND MIXER
LIMITER
DETECTOR
LOW PASS FILTER
EXPANDER IC103B
AF AMP. Q104
DYNAMIC SPEAKER
GND
RXVCO
RXVCO LOOP FILTER
RSSI
SQUELCH CONTROL
BUZZER CONTROL Q111/Q110
BUZZER
11.15MHz
RX & TX PLL IC IC3
SCHMITT TRIGGER IC104C
3.6V
RXDATA
LED100
NEW CALL
MSG WAIT
CPU KS57C21516-OFP IC100
TX VCC CONTROL Q5
RESET CKT. Q107
CHARGE DETECT Q109
D106
D107
D108
D109
COIL
CHG+
CHG-
X100
X101
TXDATA
RXVCO LOOP FILTER
903MHz BPF F2
RF LNA Q3
TXVCO
EXPDR. COMPDR. MUTE IC103A
SPLATTER CKT.
COMP-RESSOR
HIGH PASS FILTER
ELECTRIT MIC
COMPANDER IC
1 2 3 TALK EDIT/FLASH
4 5 6 DIR DEL/SCAN
7 8 9 SAVE/RE/PA
TONE */7 0/10 #/+1 FUNC/remote
UP DOWN LEFT RIGHT
KEYBOARD CONTROL
GD (BAOAN) COMMUNICATION CO.,LTD.
TITLE: MH9934/MH9937 HANDSET BLOCK DIAGRAM
DRAWN BY
CHECKED
APPROVED
DAN CORONIA
DATE : 11/22/99
PAGE: 1of1
REV-01