L.P.F
L209
L333,L334

RF AMP
Q211

F1
SAW FILTER

Q211
MIXER

F231
1st IF
21.7MHz

Q231
IF AMP

U201   IF IC
LIMITER &
DEMODULATOR

Q111
WX AMP

1st Lo.

2nd IF

CF241 2st IF
450KHz

SPEAKER

POWER AMP
Q7,321

BUFFER AMP
Q311,10

U601D
TX AF SW

U601-A
RX AF SW

U801-B
U801-C
300Hz HPF

U801-D
3KHz LPF

U601
RX AF MUTE

U602
AUDIO AMP

AUDIO MUTE
Q801,802

MIC/SPK/CHG
JACK1

U601-B
TX AF SW

Q9,Q8
LIMITTER

U701-B
U701-A
MIC AMP

MIC1
C-MIC

U401
PLL IC

WX S/W

REF DIVIDER

6.25KHz

LOOP
FILTER

SW909
PTT

1/2   1/1187

PHASE
DET.

MURS S/W

VCO
Q71

BUFFER
Q72

U701-C,U801-A
DATA FILTER

U701-D
DATA
RESTORATION

"N"
COUNTER

"A"
COUNTER

PLL DATA

PRE-
SCALER
32/33

1/2

Q1,2,3

PLL
CONTROL

CTCSS
GENERATION

U901

RX
PATH

AUDIO
MUTE

RX
DATA

BEEP

VOX CTL

C P U

X401
21.25MHz

SQ.
DETECTOR

TX/RX
POWER

RESET

READ/WRITE

LCD
DRIVER

BACK
LIGHT

KEY PAD
CONTROLS

4V
4V

REGULATOR
& POWER
CONTROL

B+

RESET
CIRCUIT

EEPROM
1K byte

LCD

KEY PADS

U503,Q507,506

R932,C906

U902

ASETELECOM CO.LTD

TITLE : MURS (BLOCK DIAGRAM)

DRAWN	CHECKED	CHECKED	APPROVED	SHEET
				1 OF 1
				REV
				00