CHASSIS

FRONT UNIT

LOGIC UNIT

MAIN UNIT

EP1 SENSOR

S1 +5V SEN1 SEN2 GND

J1 +5V SEN1 SEN2 GND

VR BOARD

J1 AFGL GND RFGL GND RITL GND SFTL GND 5VL GND

W3

J3 AFGL GND RFGL GND RITL GND SFTL GND 5VL GND

MIC BOARD

J1 (7 pin DIN)

J2 MIC MICE GND AFO SEND SQLS UD 8V GND GND

W5

J4 MIC MICE GND AFO SEND SQLS UD 8V GND GND

PHONE BOARD

J1

J2 GND AFE AFE AFE AFO AFO AFO ESPO ESPO ESPO

W4

J5 GND AFE AFE AFE AFO AFO AFO ESPO ESPO ESPO

SP SP1

W1,W2

W2

J6 STRT 5V SNDS 8V 8V HV 14V 14V FSKK MICE MIC SEND SQLS SEND SEND SEND SPS PHOE PHOE PHO PHO GND GND GND GND CIVE CIV ALMS NC KEY

J4401 STRT 5V SNDS 8V 8V HV 14V 14V FSKK MICE MIC SEND SQLS SEND SEND SEND SPS PHOE PHOE PHO PHO GND GND GND GND CIVE CIV ALMS NC KEY

W3

J7 GND DOTK DASK VOXL AVXL SML ALML REFL FORL PATL BEEP DNB RXS TXS SBSY KDS DSPS DSST SSTB DINT DRES ASTB MSTB FSTB BSTB MCK MDAT POWS GND GND

J4201 GND DOTK DASK VOXL AVXL SML ALML REFL FORL PATL BEEP DNB RXS TXS SBSY KDS DSPS DSST SSTB DINT DRES ASTB MSTB FSTB BSTB MCK MDAT POWS GND GND

W1

J9 SRST FSKK CON0 CON1 CON2 PDAT PCK DSTB PSTB DNB 13V 13V 13V 8V NC GND

PLL UNIT

J3 SRST FSKK CON0 CON1 CON2 PDAT PCK DSTB PSTB DNB 13V 13V 13V 8V NC GND

1LO J4 P3 W103 W104 P4

2LO J1 P1 W101 W102 P2

BFO J2 W105 W106 P5

J201

J401

J2001

P1 J4502 SPO SPE

W4

J4101 GND GND GND PWS 14V 14V 14V 14V 14V ICL PAT8 ICH HV STAR KEY TEMP

J1 P1 W6 W7 P2

J3 GND GND GND PWS 14V 14V 14V 14V 14V ICL PAT8 ICH HV STAR KEY TEMP

J6 J7

PA UNIT

J13 1 2 3 4

J12 KEY STAR 14V GND

J1 HV GND ASC2 GND HV ASC1

P3 W8 W9 P4

W5

J4001 T13V GND REF F3 FOR F5 F4 F2 F1 F6

J701 P5 W10 W11 P6

J1 T13V GND REF F3 FOR F5 F4 F2 F1 F6

J2

J3

FILTER UNIT

J14 R1 W2 ANT

UT-106 (OPT)

10 9 8 7 6 5 4 3 2 1

4 3 2 1

4 3 2 1

4 3 2 1

P2601 1 2 3 4

J2603 1 2 3 4 5 6 7 8 9 10 DRES DINT DSST MDAT MCK GND DSPS GND GND GND

J2602 4 3 2 1 DOE DOUT

J2601 1 2 DOUT DOE

UT-102 (OPT)

J2501 MDA SBS 5V GND SST MC SPCE SPCH

J3601 FAN- FAN+

P1 FAN

J4651 8V GND BDT SEND 13.8V AFO MOD SQLS FSKK KEY BAND ALC

ACC

ALC SEND

J4801 ALC GND SEND GND

EXT SP

J4501 ESPO SPE

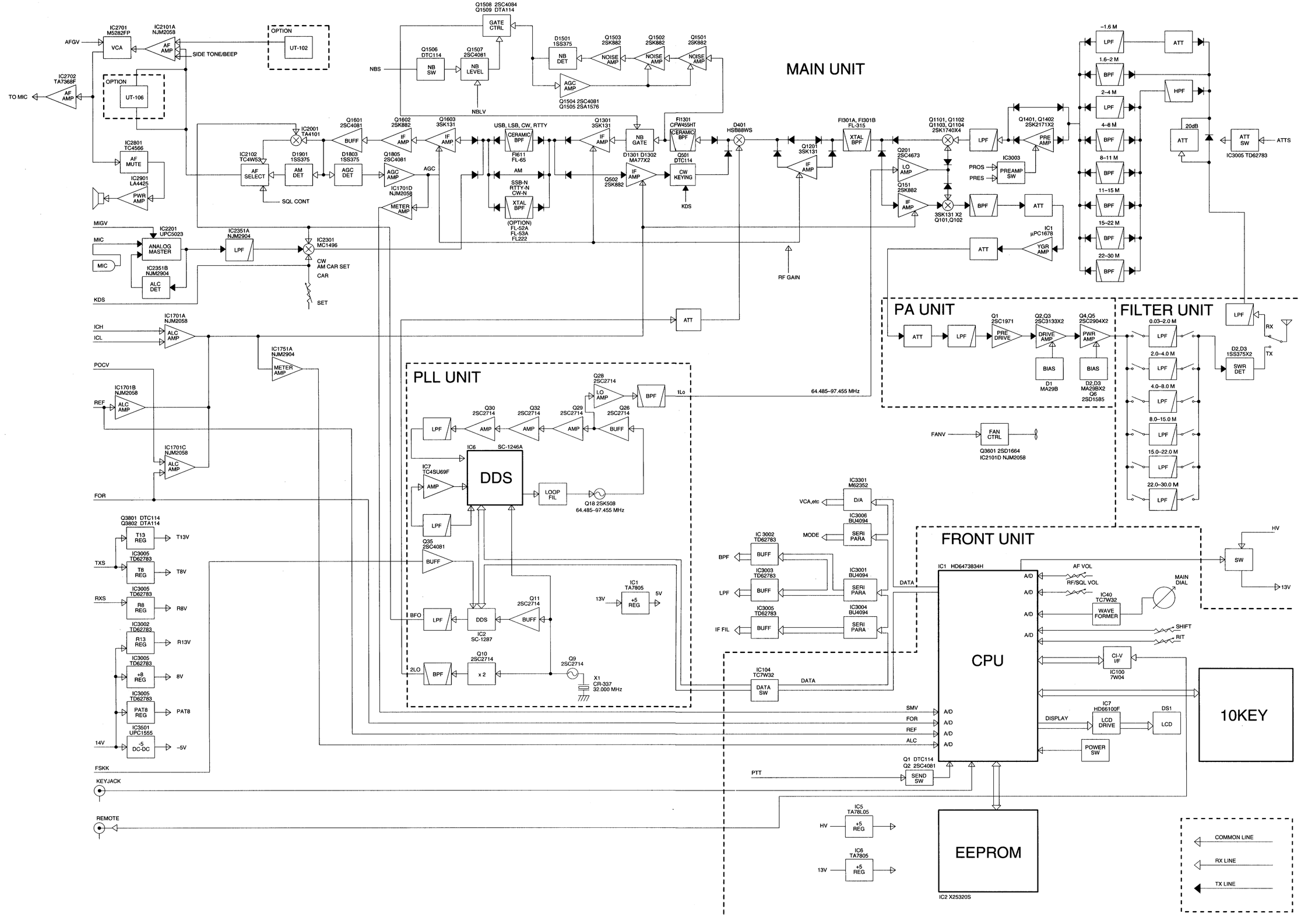
REMOTE

J5001 CIV CIVE

ELEC-KEY

J5101 DASK DOTK GND

ICOM ① IC-718 SCHEMATIC DIAGRAM

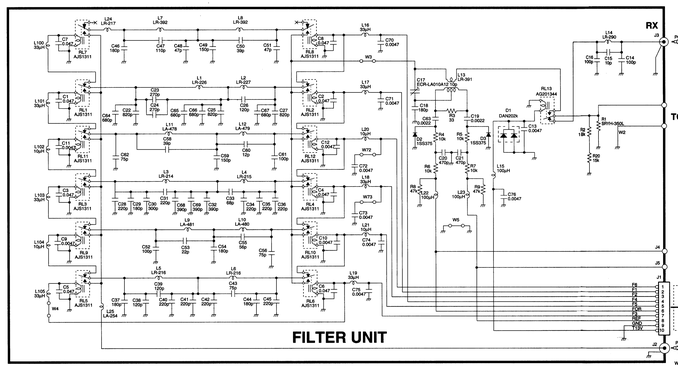


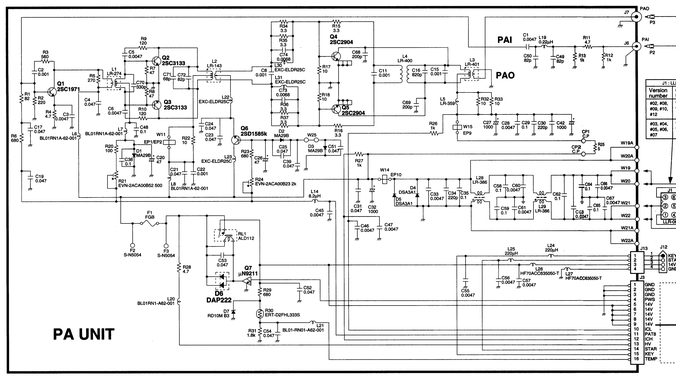
To upgrade quality, some components may be subject to change without notice.

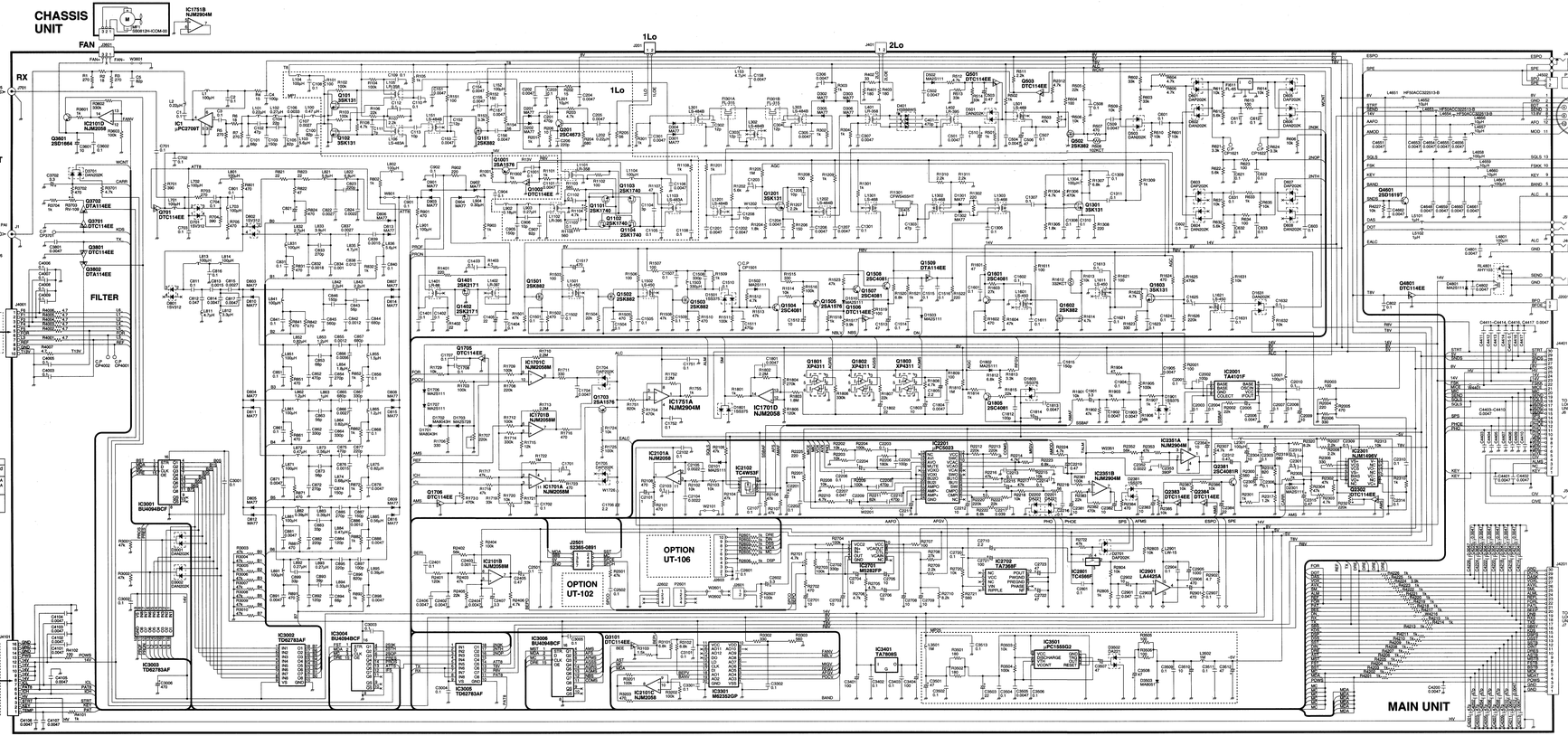
A-5649MH-2G
Printed in Japan
© 2000 Icom Inc.

Icom Inc.

ICOM ② IC-718 SCHEMATIC DIAGRAM



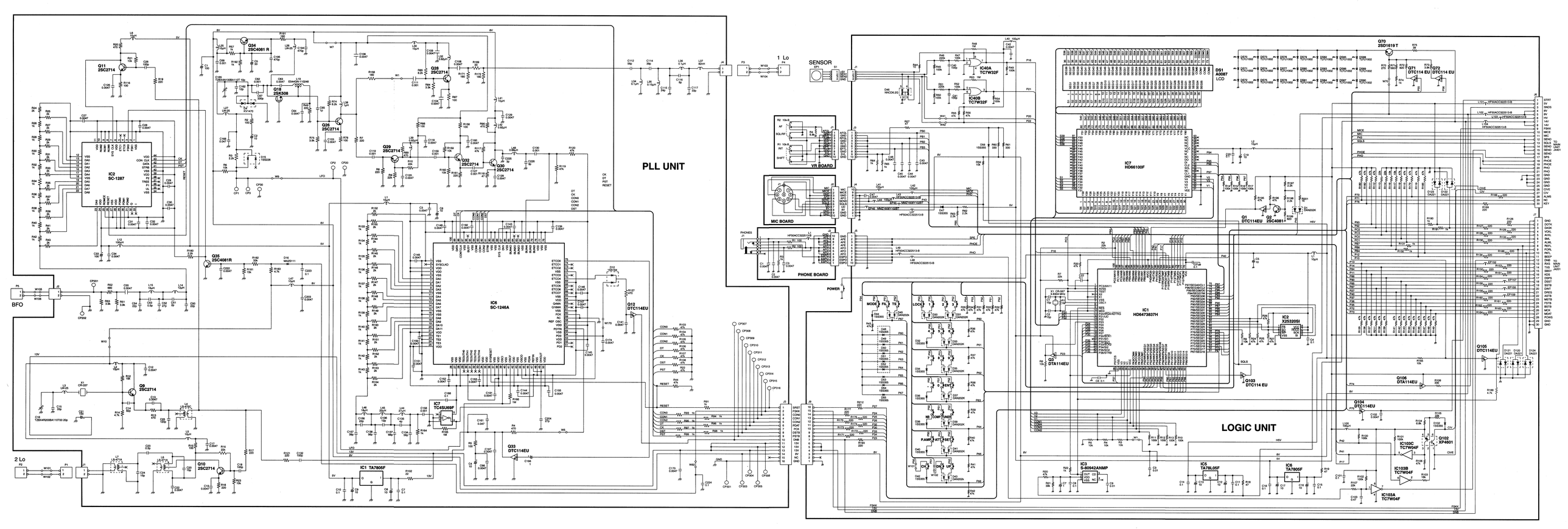




To upgrade quality, some components may be subject to change without notice.

A-5649MH-3G
Printed in Japan
© 2000 Icom Inc.

Icom Inc.


PLL UNIT
LOGIC UNIT
IC2 SC-1287
IC6 SC-1246A
IC1 HD64738637H
IC7 TC4SU69F
IC1 TA7805F
IC3 S-80942ANMP
IC5 TA78L05F
IC5 TA7805F
IC7 HD66100F
IC5 X25320SI
IC40A TC7W32F
IC40B TC7W32F
IC103A TC7W04F
IC103B TC7W04F
VR BOARD
MIC BOARD
PHONE BOARD
LCD
SENSOR
BFO
1 Lo
2 Lo
POWER