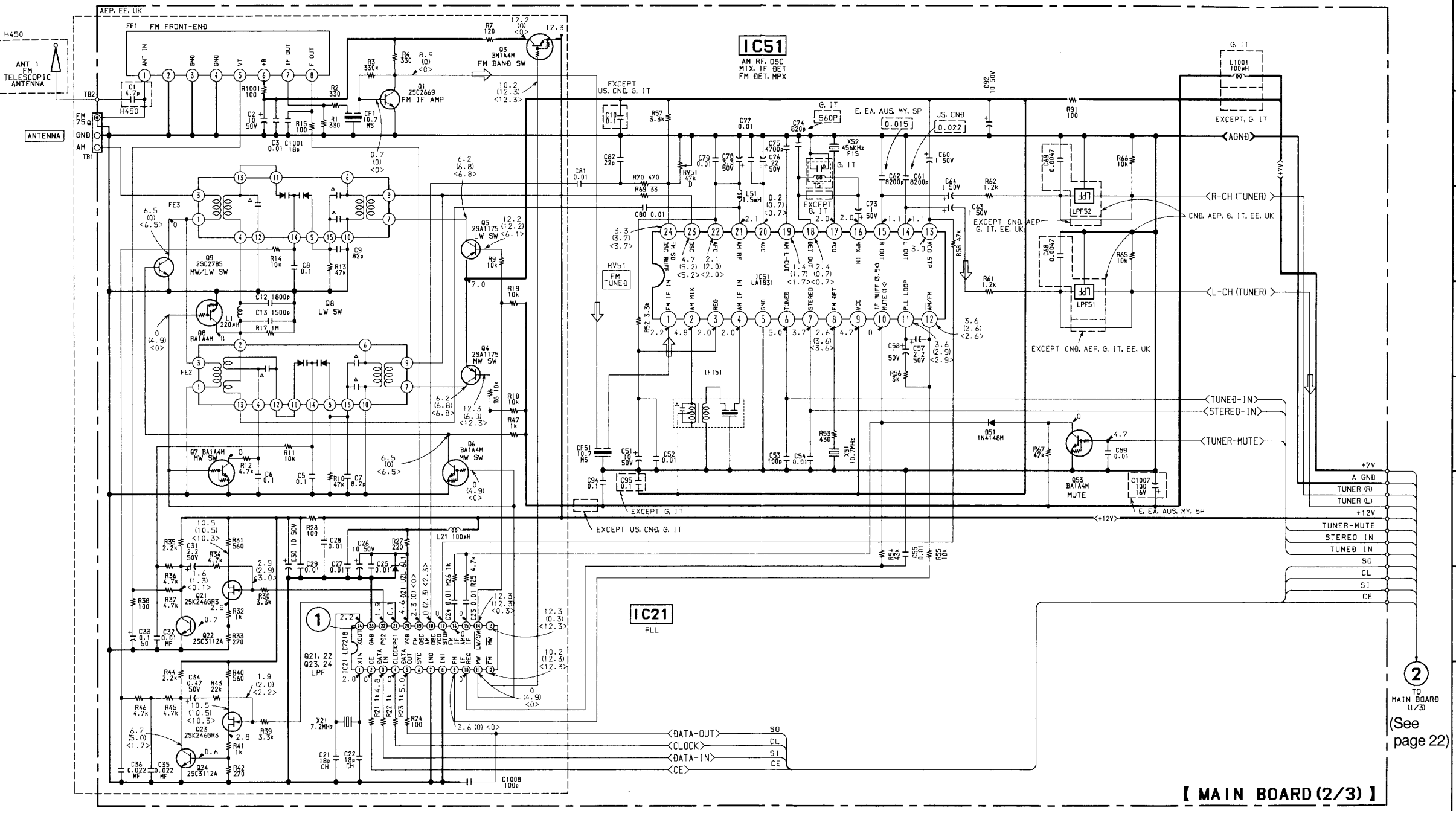
AEP, EE, UK
FE1 FM FRONT-END
ANT IN
GND
GND
VT
+B
IF OUT
F OUT
H450
ANT 1
FM
TELESCOPIC
ANTENNA
TB2
FM
75Ω
ANTENNA
GND
AM
TB1
C1 4.7P
H450
C2 10 50V
C3 0.01
R1001 100
R15 100
R1 330
R2 330
R3 330k
R4 330 8.9 (0) <0>
CF1 10.7 MS
Q1 2SC2649 FM IF AMP
R7 120
12.2 (0) <0>
12.3
Q3 BN1A4M FM BAND SW
10.2 (12.3) <12.3>
0.7 (0) <0>
6.2 (6.8) <6.8>
FE3
6.5 (0) <6.5>
Q9 2SC2785 MW/LW SW
R14 10k
C8 0.1
R13 47k
C9 82p
C12 1800p
C13 1500p
R17 1M
L1 220μH
Q8 BA1A4M
Q8 LW SW
0 (4.9) <0>
FE2
Q5 2SA1175 LW SW
12.2 (12.2) <6.1>
R9 10k
7.0
R19 10k
Q4 2SA1175 MW SW
R8 10k
R18 10k
R47 1k
6.2 (6.8) <6.8>
12.3 (6.0) <12.3>
Q7 BA1A4M MW SW
R11 10k
R12 4.7k
C6 0.1
C5 0.1
R10 47k
C7 8.2p
6.5 (0) <6.5>
Q6 BA1A4M MW SW
0 (4.9) <0>
IC51
AM RF, OSC
MIX, IF DET
FM DET, MPX
EXCEPT US, CND, G, IT
C10 0.1
R57 3.3k
C77 0.01
C74 820p
G, IT
560P
E, EA, AUS, MY, SP
0.015
US, CND
0.022
C92 10 50V
R91 100
G, IT
L1001 100μH
EXCEPT, G, IT
AGND
C82 22p
C79 0.01
C78 3.3 50V
C75 4700p
C76 22 50V
X52 450KHz F15
G, IT
RV51 47k B
C81 0.01
R70 470
R69 33
C80 0.01
L51 1.5mH
0.2 (0.7) <0.7>
EXCEPT G, IT
C62 8200p
C61 8200p
C64 1 50V
R62 1.2k
C60 1 50V
C73 1 50V
EXCEPT CND, AEP G, IT, EE, UK
C69 0.0047
R66 10k
LPF
LPF52
R-CH (TUNER)
CND, AEP, G, IT, EE, UK
C68 0.0047
R65 10k
LPF
LPF51
L-CH (TUNER)
EXCEPT CND, AEP, G, IT, EE, UK
R61 1.2k
R58 47k
C58 50V
C57 2.2 50V
R56 3k
3.6 (2.6) <2.6>
RV51 FM TUNED
IC51 LA1831
FM IF IN
AM MIX
REG
AM IF IN
GND
TUNED
STEREO
FM DET
VCC
IF BUFF
MUTE
PLL LOOP
AM/FM
IFT51
TUNED-IN
STEREO-IN
TUNER-MUTE
D51 1N4148M
R67 47k
Q53 BA1A4M MUTE
4.7
C59 0.01
C1007 100 16V
E, EA, AUS, MY, SP
+12V
CF51 10.7 MS
C51 10 50V
C52 0.01
C53 100p
C54 0.01
R53 430
VR1 10.7MHz
C94 0.1
C95 0.1
EXCEPT G, IT
EXCEPT US, CND, G, IT
R54 43k
C55 0.01
R55 10k
+7V
A GND
TUNER (R)
TUNER (L)
+12V
TUNER-MUTE
STEREO IN
TUNED IN
SO
CL
SI
CE
L21 100μH
C30 10 50V
R28 100
C28 0.01
C29 0.01
C26 10 50V
R27 220
C27 0.01
C25 0.01
UZL-6.1
R35 2.2k
C31 2.2 50V
R31 560
R34 4.7k
R36 4.7k
R37 4.7k
R38 100
Q21 2SK246GR3
R30 3.3k
R32 1k
C33 0.1 50
C32 0.01 MF
Q22 2SC3112A
R33 270
R44 2.2k
C34 0.47 50V
R40 560
R43 22k
R46 4.7k
R45 4.7k
Q23 2SK246GR3
R39 3.3k
R41 1k
C36 0.022 MF
C35 0.022 MF
Q24 2SC3112A
R42 270
IC21
PLL
Q21, 22 Q23, 24 LPF
IC21 LC7218
XIN
XOUT
CE
DATA IN
CLOCK
DATA OUT
VDD
CHK
OSC STOP
FM IF
AM IF
LW/SW
FM MW
GND
P02
P01
VDD
OSC
STD
IN0
IN1
FM REQ
MW
FM
R21 1k
R22 1k
R23 1k
R24 100
X21 7.2MHz
C21 18p CH
C22 18p CH
C1008 100p
R24 1k
R25 4.7k
C24 0.01
C23 0.01
DATA-OUT
CLOCK
DATA-IN
CE
SO
CL
SI
CE
2
TO MAIN BOARD (1/3)
(See page 22)
【 MAIN BOARD (2/3) 】