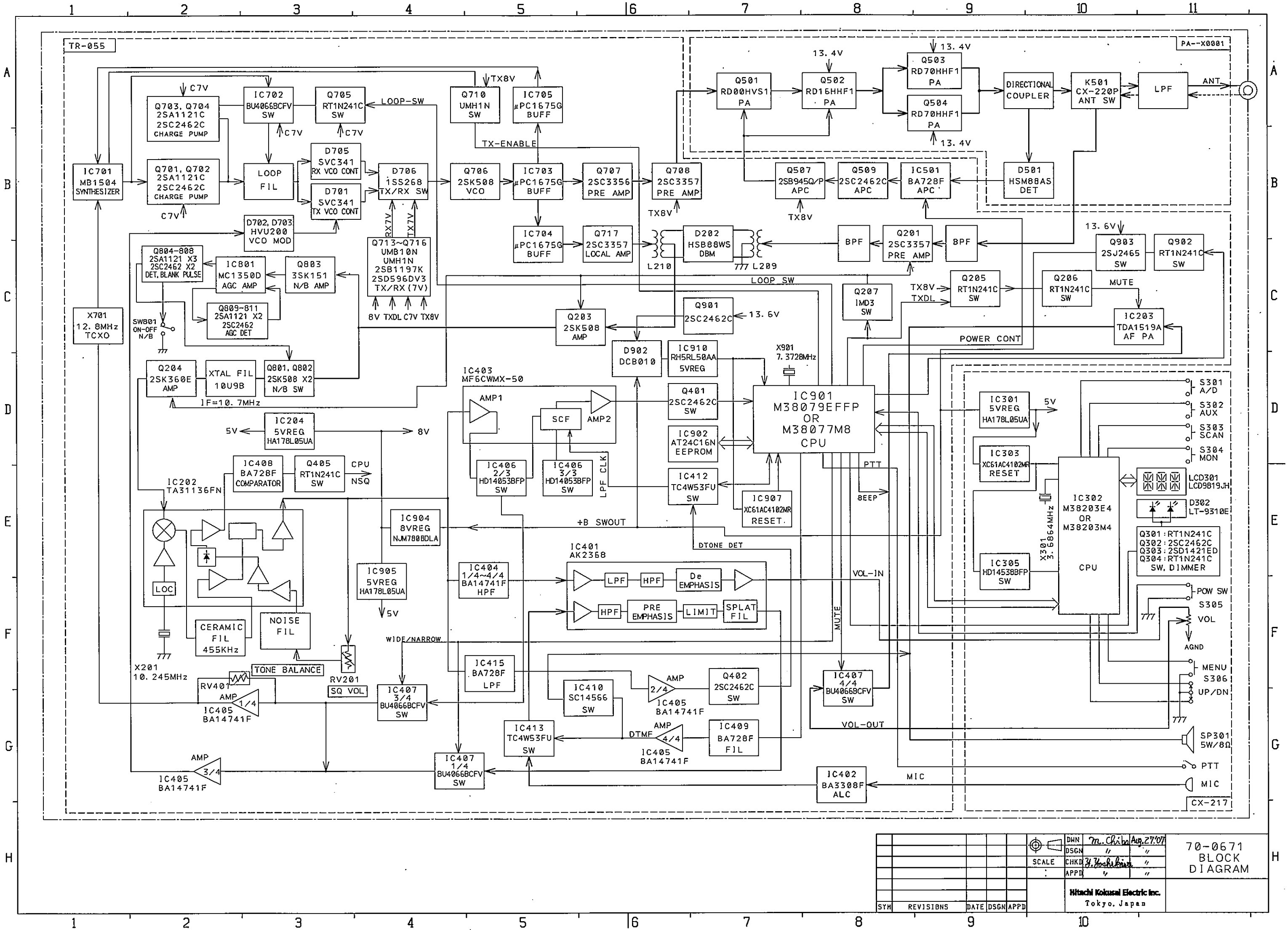
TR-055
PA--X0001
IC701 MB1504 SYNTHESIZER
Q703, Q704 2SA1121C 2SC2462C CHARGE PUMP
Q701, Q702 2SA1121C 2SC2462C CHARGE PUMP
IC702 BU4066BCFV SW
Q705 RT1N241C SW
LOOP-SW
LOOP FIL
D705 SVC341 RX VCO CONT
D701 SVC341 TX VCO CONT
D706 1SS268 TX/RX SW
Q710 UMH1N SW
IC705 μPC1675G BUFF
TX-ENABLE
Q706 2SK508 VCO
IC703 μPC1675G BUFF
Q707 2SC3356 PRE AMP
Q708 2SC3357 PRE AMP
IC704 μPC1675G BUFF
Q717 2SC3357 LOCAL AMP
D202 HSB88WS DBM
L210
L209
D702, D703 HVU200 VCO MOD
Q713~Q716 UMB10N UMH1N 2SB1197K 2SD596DV3 TX/RX (7V)
Q804-808 2SA1121 X3 2SC2462 X2 DET, BLANK PULSE
IC801 MC1350D AGC AMP
Q803 3SK151 N/B AMP
Q809-811 2SA1121 X2 2SC2462 AGC DET
SW801 ON-OFF N/B
X701 12.8MHz TCXO
Q204 2SK360E AMP
XTAL FIL 10U9B
Q801, Q802 2SK508 X2 N/B SW
IF=10.7MHz
IC204 5VREG HA178L05UA
IC408 BA728F COMPARATOR
Q405 RT1N241C SW
CPU NSQ
IC202 TA31136FN
LOC
CERAMIC FIL 455KHz
NOISE FIL
X201 10.245MHz
TONE BALANCE
RV401
RV201 SQ VOL
IC405 BA14741F
IC904 8VREG NJM780BDLA
IC905 5VREG HA178L05UA
WIDE/NARROW
IC407 3/4 BU4066BCFV SW
IC407 1/4 BU4066BCFV SW
IC403 MF6CWMX-50
AMP1
SCF
AMP2
IC406 2/3 HD14053BFP SW
IC406 3/3 HD14053BFP SW
LPF CLK
IC404 1/4~4/4 BA14741F HPF
IC415 BA728F LPF
IC410 SC14566 SW
IC413 TC4W53FU SW
IC409 BA728F FIL
IC402 BA3308F ALC
Q203 2SK508 AMP
Q901 2SC2462C
D902 DCB010
IC910 RH5RL50AA 5VREG
X901 7.3728MHz
Q401 2SC2462C SW
IC902 AT24C16N EEPROM
IC412 TC4W53FU SW
IC907 XC61AC4102MR RESET
IC901 M38079EFFP OR M38077M8 CPU
+B SWOUT
DTONE DET
IC401 AK2368
LPF
HPF
De EMPHASIS
PRE EMPHASIS
LIMIT
SPLAT FIL
VOL-IN
MUTE
VOL-OUT
MIC
PTT
BEEP
LOOP SW
POWER CONT
Q501 RD00HVS1 PA
Q502 RD16HHF1 PA
Q503 RD70HHF1 PA
Q504 RD70HHF1 PA
DIRECTIONAL COUPLER
K501 CX-220P ANT SW
LPF
ANT
Q507 2SB945Q/P APC
Q509 2SC2462C APC
IC501 BA728F APC
D501 HSM88AS DET
BPF
Q201 2SC3357 PRE AMP
BPF
Q903 2SJ2465 SW
Q902 RT1N241C SW
Q207 1MD3 SW
Q205 RT1N241C SW
Q206 RT1N241C SW
MUTE
IC203 TDA1519A AF PA
IC301 5VREG HA178L05UA
IC303 XC61AC4102MR RESET
IC302 M38203E4 OR M38203M4 CPU
X301 3.6864MHz
IC305 HD14538BFP SW
S301 A/D
S302 AUX
S303 SCAN
S304 MON
LCD301 LCD9819JH
D302 LT-9310E
Q301:RT1N241C
Q302:2SC2462C
Q303:2SD1421ED
Q304:RT1N241C
SW, DIMMER
POW SW
S305
VOL
AGND
MENU
S306
UP/DN
SP301 5W/8Ω
PTT
MIC
CX-217
SYM REVISIONS DATE DSGN APPD
DWN M. Chiba Aug.27.'07
DSGN
CHKD Y. Yoshikawa
APPD
SCALE
Hitachi Kokusai Electric Inc.
Tokyo, Japan
70-0671
BLOCK DIAGRAM