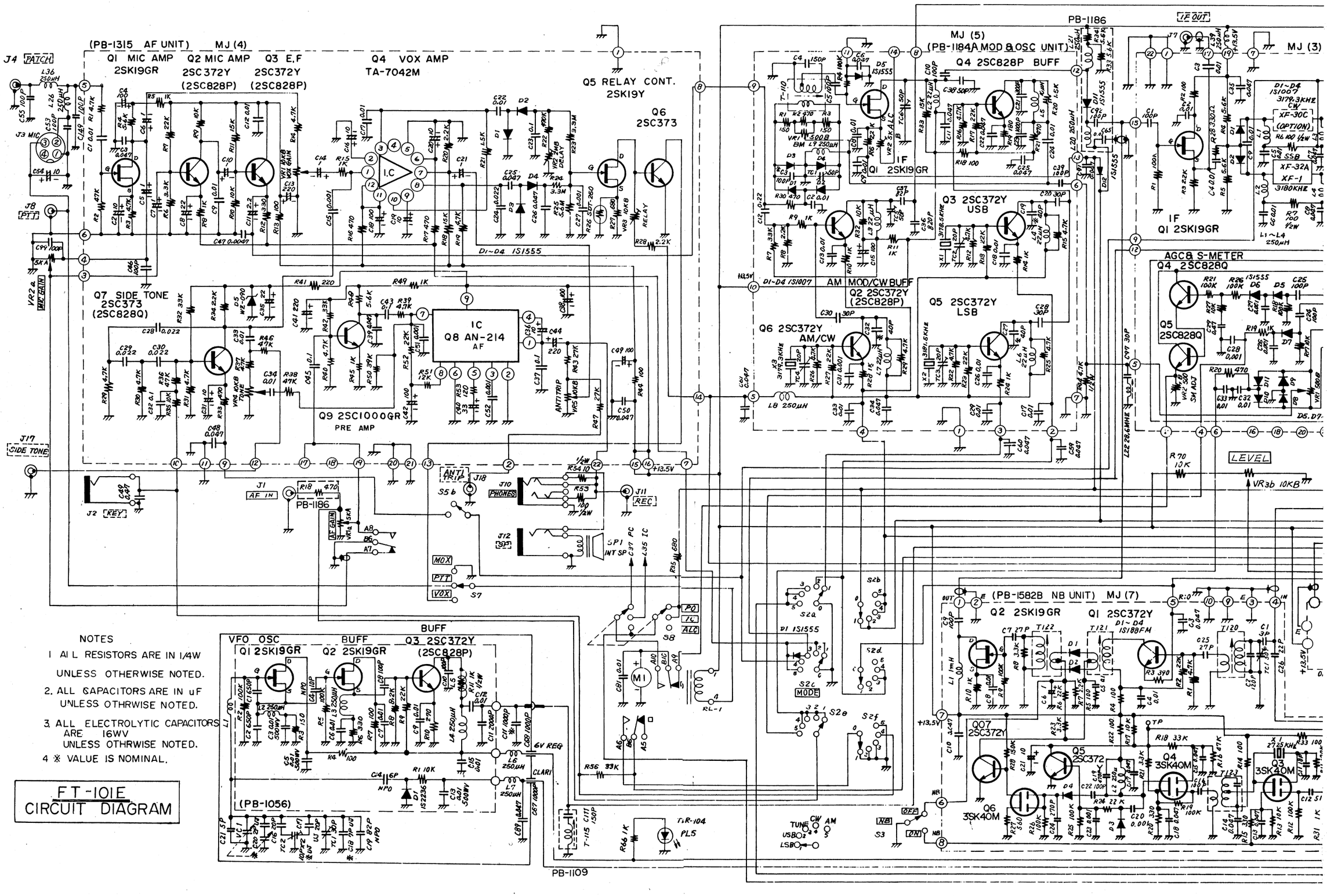


NOTES

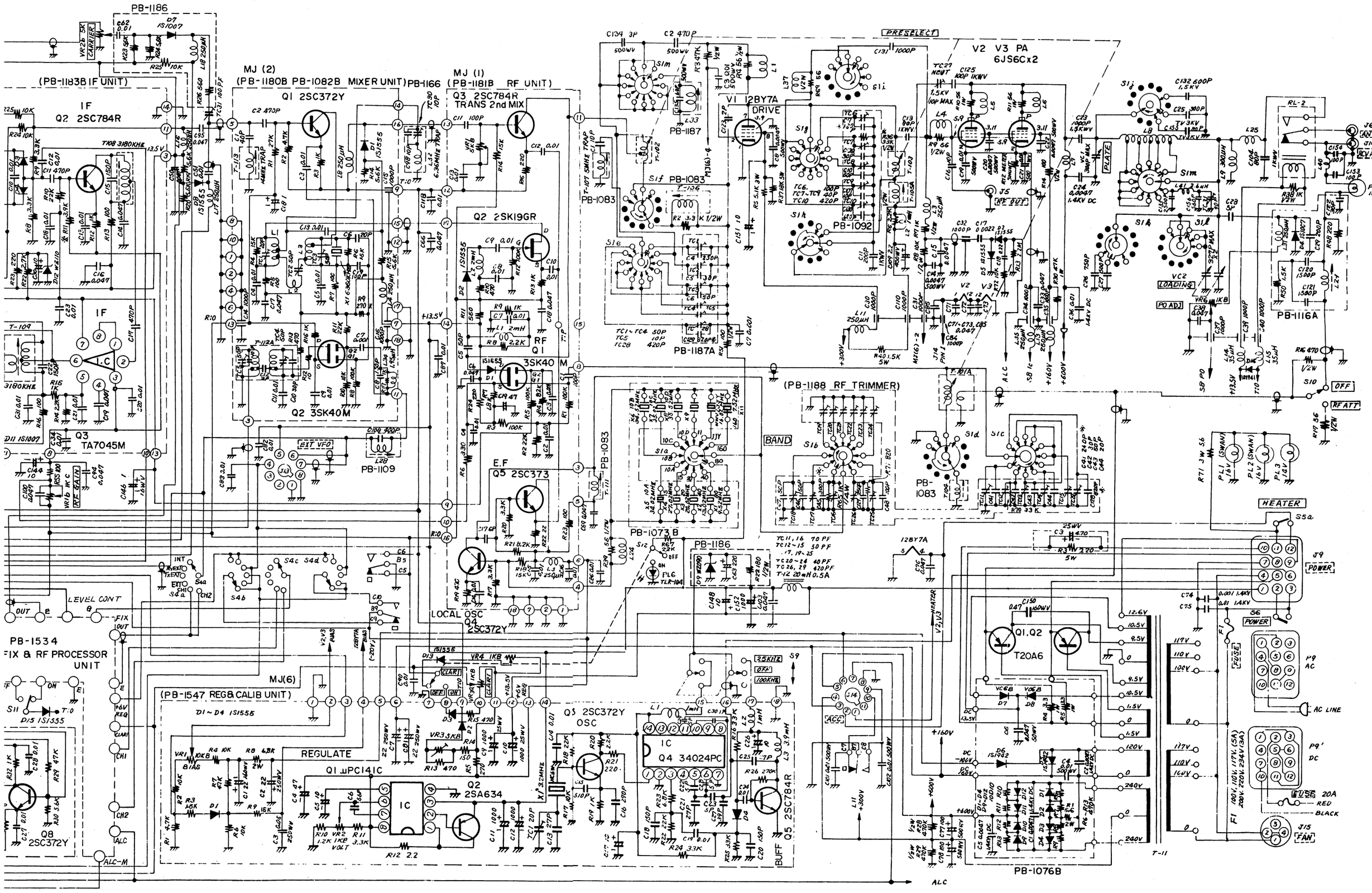
1 ALL RESISTORS ARE IN 1/4W UNLESS OTHERWISE NOTED.

2. ALL CAPACITORS ARE IN uF UNLESS OTHRWISE NOTED.

3. ALL ELECTROLYTIC CAPACITORS ARE 16WV UNLESS OTHRWISE NOTED.

4 ※ VALUE IS NOMINAL.

FT-101E CIRCUIT DIAGRAM


PB-1186
(PB-1183B IF UNIT)
IF
Q2 2SC784R
MJ (2)
(PB-1180B PB-1082B MIXER UNIT) PB-1166
Q1 2SC372Y
MJ (1)
(PB-1181B RF UNIT)
Q3 2SC784R
TRANS 2nd MIX
Q2 2SK19GR
RF
Q1
3SK40
Q2 3SK40M
Q3
TA7045M
E.F
Q5 2SC373
LOCAL OSC
Q4
2SC372Y
PB-1083
PB-1109
PB-1187
PB-1092
PB-1187A
PRESELECT
V2 V3 PA
6JS6Cx2
V1 12BY7A
DRIVE
(PB-1188 RF TRIMMER)
BAND
PB-1116A
PB-1073B
PB-1186
PB-1534
FIX & RF PROCESSOR
UNIT
MJ(6)
(PB-1547 REG&CALIB UNIT)
REGULATE
Q1 μPC141C
Q2
2SA634
Q5 2SC372Y
OSC
Q4 34024PC
BUFF Q5 2SC784R
Q8
2SC372Y
Q1,Q2
T20A6
PB-1076B
HEATER
POWER
AC LINE
FUSE 20A
RED
BLACK
J15
FAN
OFF
RF ATT
LEVEL CONT
OUT
FIX OUT
ALC
ALC-M
PLATE
RF OUT
VC2
LOADING
PO ADJ
RL-2
J6
ANT
RCVANT
PL4
16V
PL1 (SWAN)
PL2 (SWAN)
PL3
14V
PL6
TLR-104
EXT VFO
RF GAIN
VR1b 1K C
T-109
T-111
T-101A
T-103
T-105A
T-106
T-107 5MHz TRAP
T-108 3180KHz
T-112A
T-113
T-102
M7(16)-4
M7(16)-2
TC11, 16 70 PF
TC12~15 50 PF
17, 19~25
TC20~24 40 PF
TC26, 29 420 PF
T-12 20mH 0.5A
TC1~TC4 50P
TC5
TC28
420P
TC1~TC9 40P
TC6, TC7
TC10
420P
D1~D4 1S1555
D11 1S1007
D15 1S1555
D13 1S1556
D14 1S1007
D16 1S1942
D17 1S1007
D18 1S1007
D19 WZ090
D20 1S1007
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