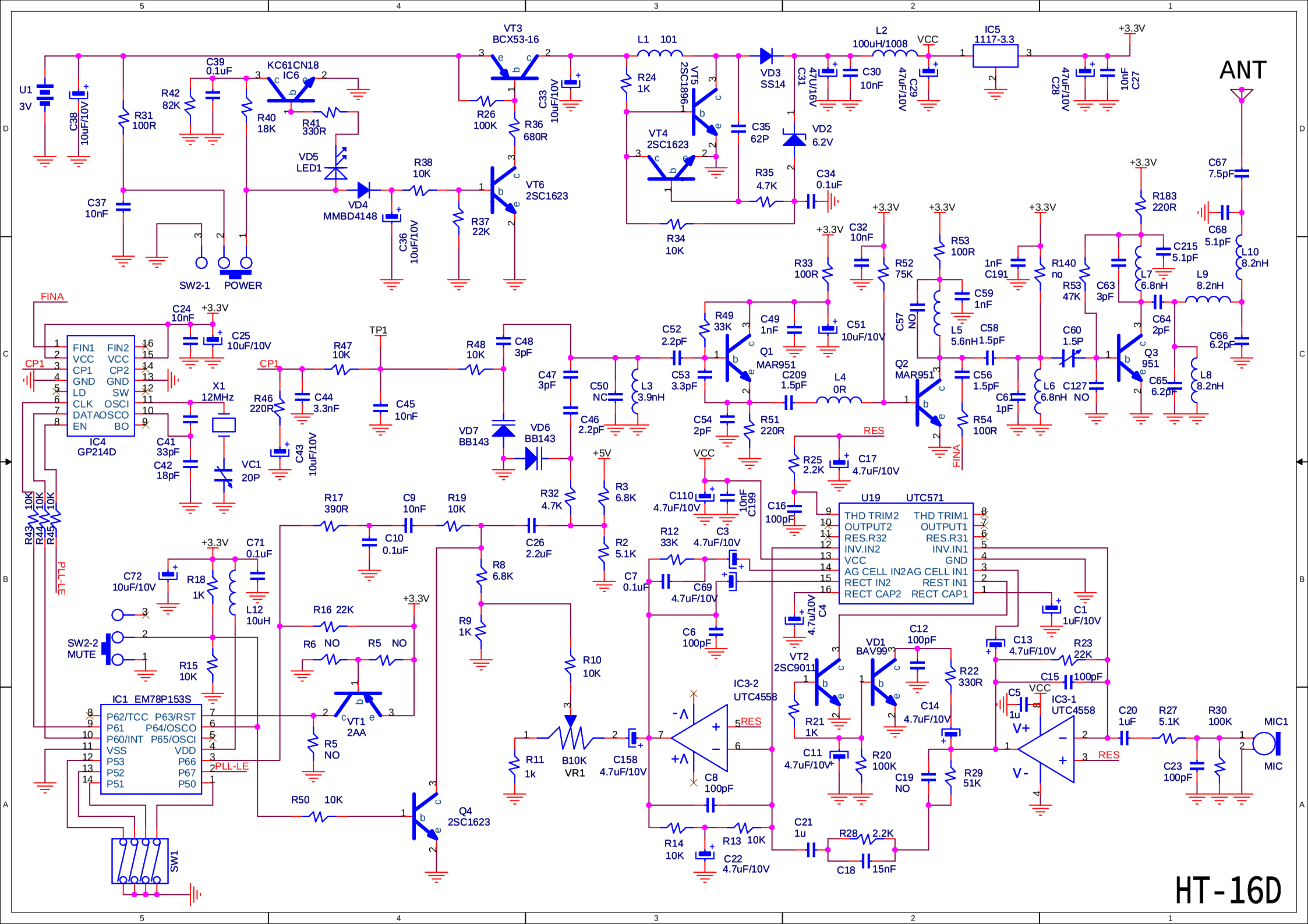
HT-16D
ANT
U1 3V
C38 10uF/10V
R31 100R
C39 0.1uF
KC61CN18 IC6
R42 82K
R40 18K
R41 330R
VD5 LED1
VD4 MMBD4148
R38 10K
C36 10uF/10V
R37 22K
C37 10nF
SW2-1
POWER
VT3 BCX53-16
R26 100K
R36 680R
C33 10uF/10V
VT6 2SC1623
L1 101
R24 1K
VT5 2SC1896
VT4 2SC1623
R34 10K
VD3 SS14
C35 62P
VD2 6.2V
R35 4.7K
C34 0.1uF
C31 47uF/16V
C30 10nF
L2 100uH/1008
C29 47uF/10V
VCC
IC5 1117-3.3
+3.3V
C28 47uF/10V
C27 10nF
C67 7.5pF
C68 5.1pF
L10 8.2nH
R183 220R
C215 5.1pF
L7 6.8nH
L9 8.2nH
C63 3pF
R53 47K
R140 no
1nF C191
C64 2pF
C66 6.2pF
L8 8.2nH
C65 6.2pF
Q3 951
C60 1.5P
C127 NO
L6 6.8nH
C61 1pF
C56 1.5pF
R54 100R
Q2 MAR951
C58 1.5pF
L5 5.6nH
C59 1nF
R53 100R
C57 NO
R52 75K
C32 10nF
R33 100R
C51 10uF/10V
Q1 MAR951
C49 1nF
R49 33K
C209 1.5pF
L4 0R
R51 220R
C54 2pF
C52 2.2pF
C53 3.3pF
L3 3.9nH
C50 NC
C46 2.2pF
C47 3pF
C48 3pF
VD6 BB143
VD7 BB143
R48 10K
R47 10K
TP1
C45 10nF
C44 3.3nF
R46 220R
C43 10uF/10V
CP1
FINA
C24 10nF
C25 10uF/10V
IC4 GP214D
FIN1 FIN2 VCC VCC CP1 CP2 GND GND LD SW CLK OSCI DATA OSCO EN BO
X1 12MHz
C41 33pF
C42 18pF
VC1 20P
R43 10K
R44 10K
R45 10K
PLL-LE
R17 390R
C9 10nF
R19 10K
C10 0.1uF
C26 2.2uF
R32 4.7K
R3 6.8K
R2 5.1K
R8 6.8K
R9 1K
R10 10K
C71 0.1uF
C72 10uF/10V
R18 1K
L12 10uH
SW2-2 MUTE
R15 10K
IC1 EM78P153S
P62/TCC P63/RST P61 P64/OSCO P60/INT P65/OSCI VSS VDD P53 P66 P52 P67 P51 P50
R16 22K
R6 NO
R5 NO
VT1 2AA
R5 NO
R50 10K
Q4 2SC1623
SW1
R11 1k
B10K VR1
C158 4.7uF/10V
R14 10K
R13 10K
C22 4.7uF/10V
C8 100pF
IC3-2 UTC4558
RES
C110 4.7uF/10V
10nF C199
C3 4.7uF/10V
R12 33K
C7 0.1uF
C69 4.7uF/10V
C6 100pF
C16 100pF
R25 2.2K
C17 4.7uF/10V
U19 UTC571
THD TRIM2 THD TRIM1 OUTPUT2 OUTPUT1 RES.R32 RES.R31 INV.IN2 INV.IN1 VCC GND AG CELL IN2 AG CELL IN1 RECT IN2 REST IN1 RECT CAP2 RECT CAP1
C4 4.7u/10V
C1 1uF/10V
C13 4.7uF/10V
R23 22K
C12 100pF
VD1 BAV99
VT2 2SC9011
R22 330R
C14 4.7uF/10V
R21 1K
C11 4.7uF/10V
R20 100K
C19 NO
R29 51K
C21 1u
R28 2.2K
C18 15nF
C15 100pF
C5 1u
IC3-1 UTC4558
V+
V-
C20 1uF
R27 5.1K
R30 100K
C23 100pF
MIC1
MIC