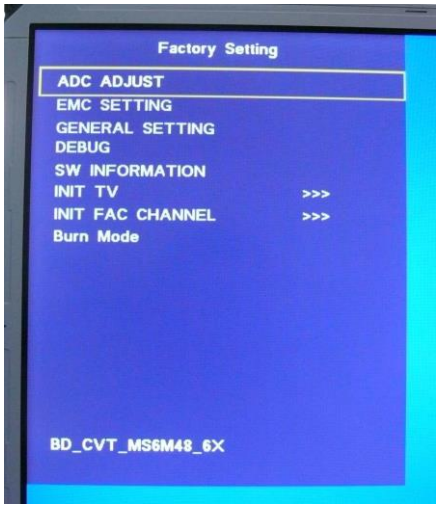
T.MS6M48.6B Factory Instruction

1 Press the **"MENU+1.1.4.7"** to enter into the factory menu, the following screen will be displayed.



2 ADC ADJUST： Do not change it.

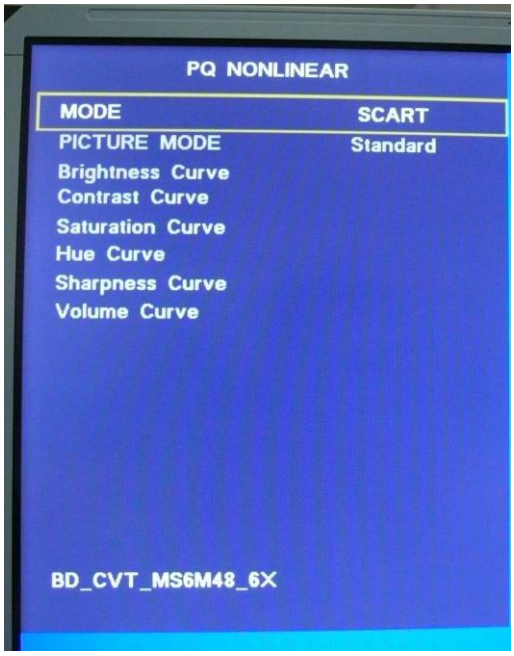
3 EMC SETTING： Do not change it.

4 **General Setting:** Press ► button to select **General Setting** ,then press ► **or ENTER** button to enter. Press **MENU** button to return the previous page. the following screen will be displayed.

W/B ADJUST: Do not change it.Auto color
PICTURE MODE: Do not change it.
SOUND MODE: Do not change it.
WHITE PATTERN: Set the white pattern
BACKLIGHT: Set the backlight
LVDS MAP: Set the panel parameter
POWER: When insert AC power ,turn on auto.
LOGO: Turn on with LOGO or NO.

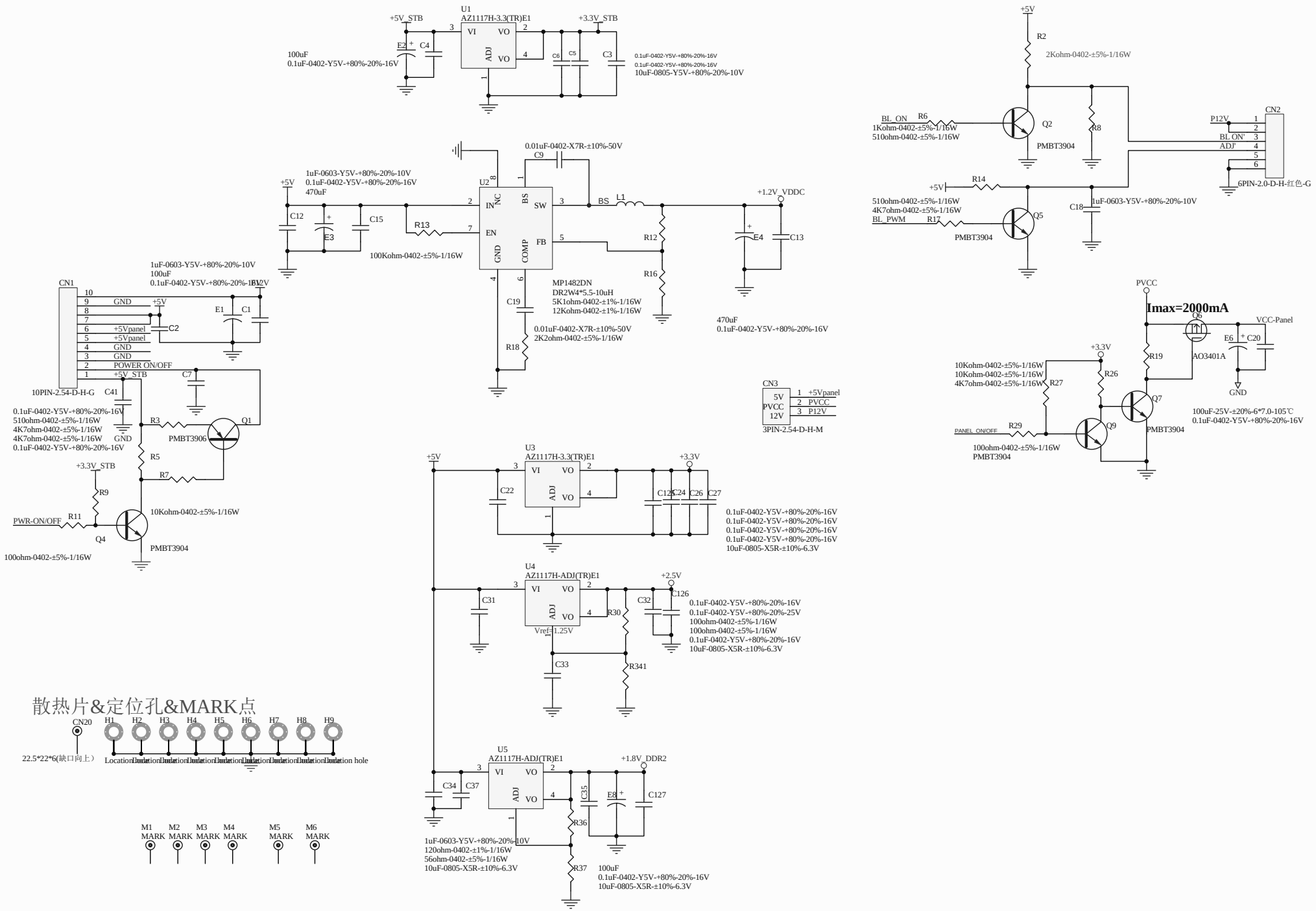
5 DEBUG: Press ► button to select **DEBUG** , then press ► **or ENTER** button to enter.
Press **MENU** button to return the previous page.
the following screen will be displayed.
QMAP ADJUST: Only use for engineer test.
PEQ: Only use for engineer test.
BMTEST: Only use for engineer test.
VIF1: Only use for engineer test.
VIF2: Only use for engineer test.
VIF3: Only use for engineer test.
PWM: Only use for engineer test.
UART DEBUG: Only use for engineer test.

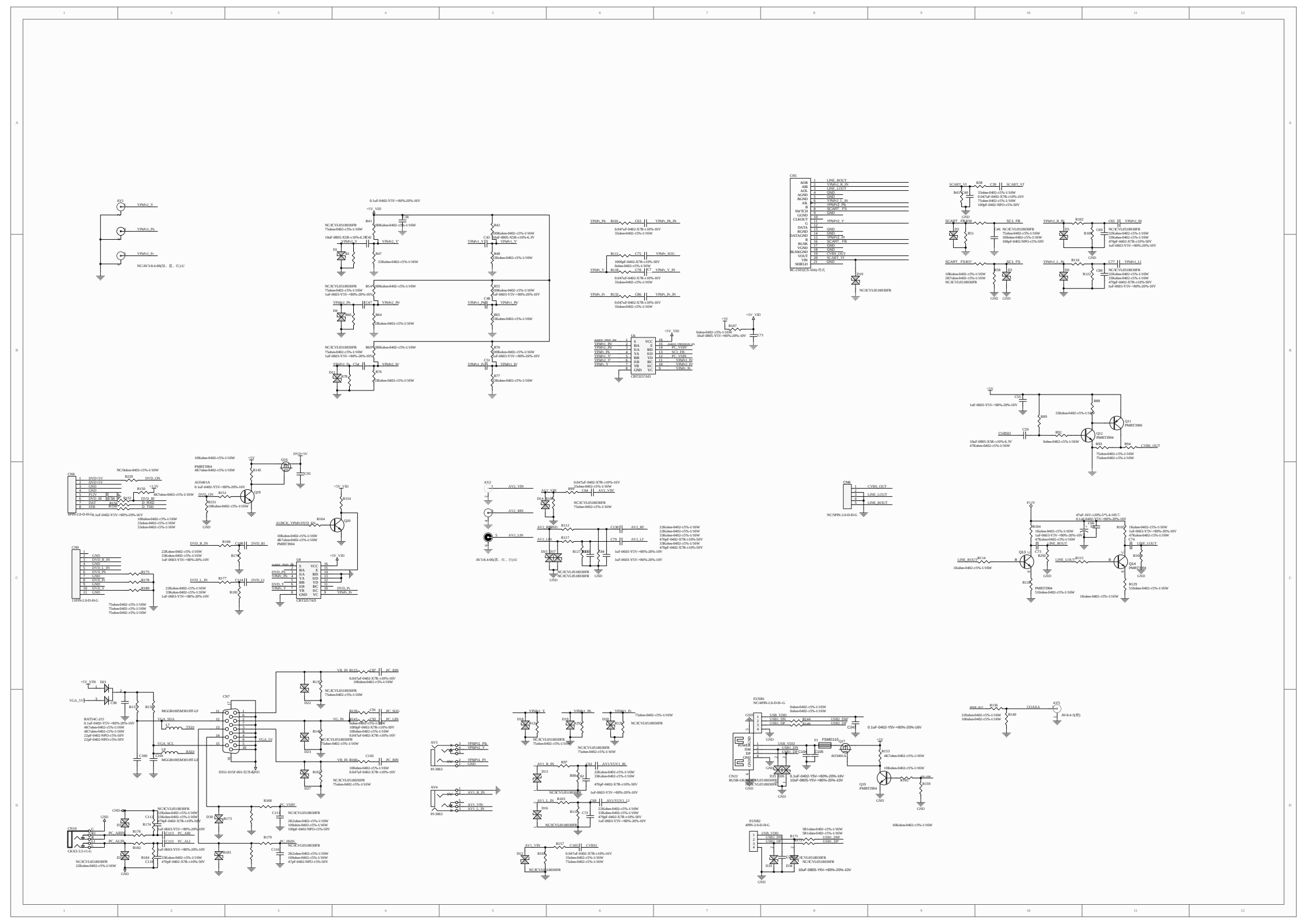
PQ NONLINEAR: If you are not satisfied with the curve, can be modified by it.
it can be save unless you **INIT TV**.

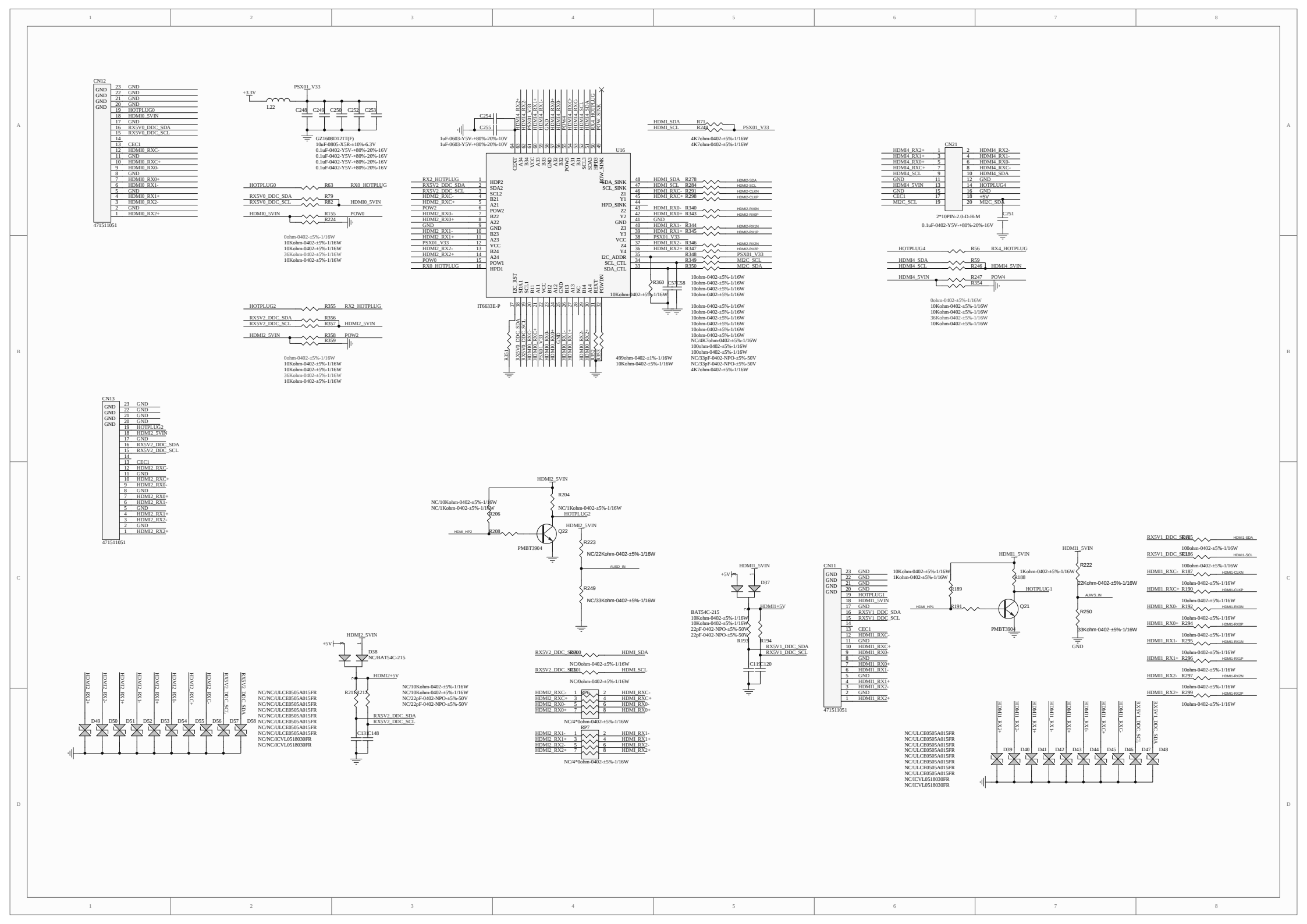


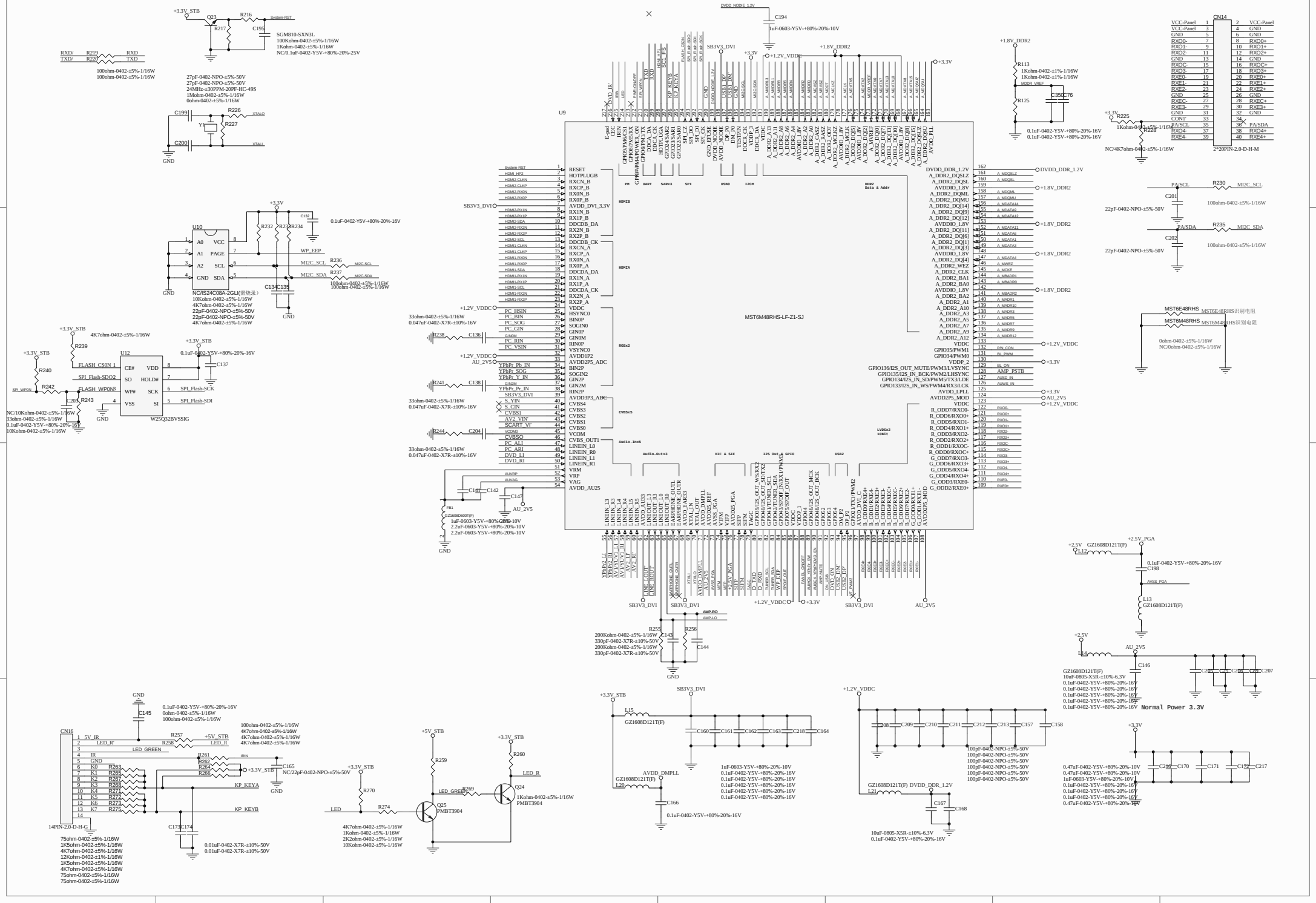
6 SW INFORMATION: it display the software build Information.
7 INIT TV : Default the factory setting.
8 INIT FAC CHANNEL: Set Factory Channel
9 BURN MODE: Burning Mode on/off,You can use power button to exit it.

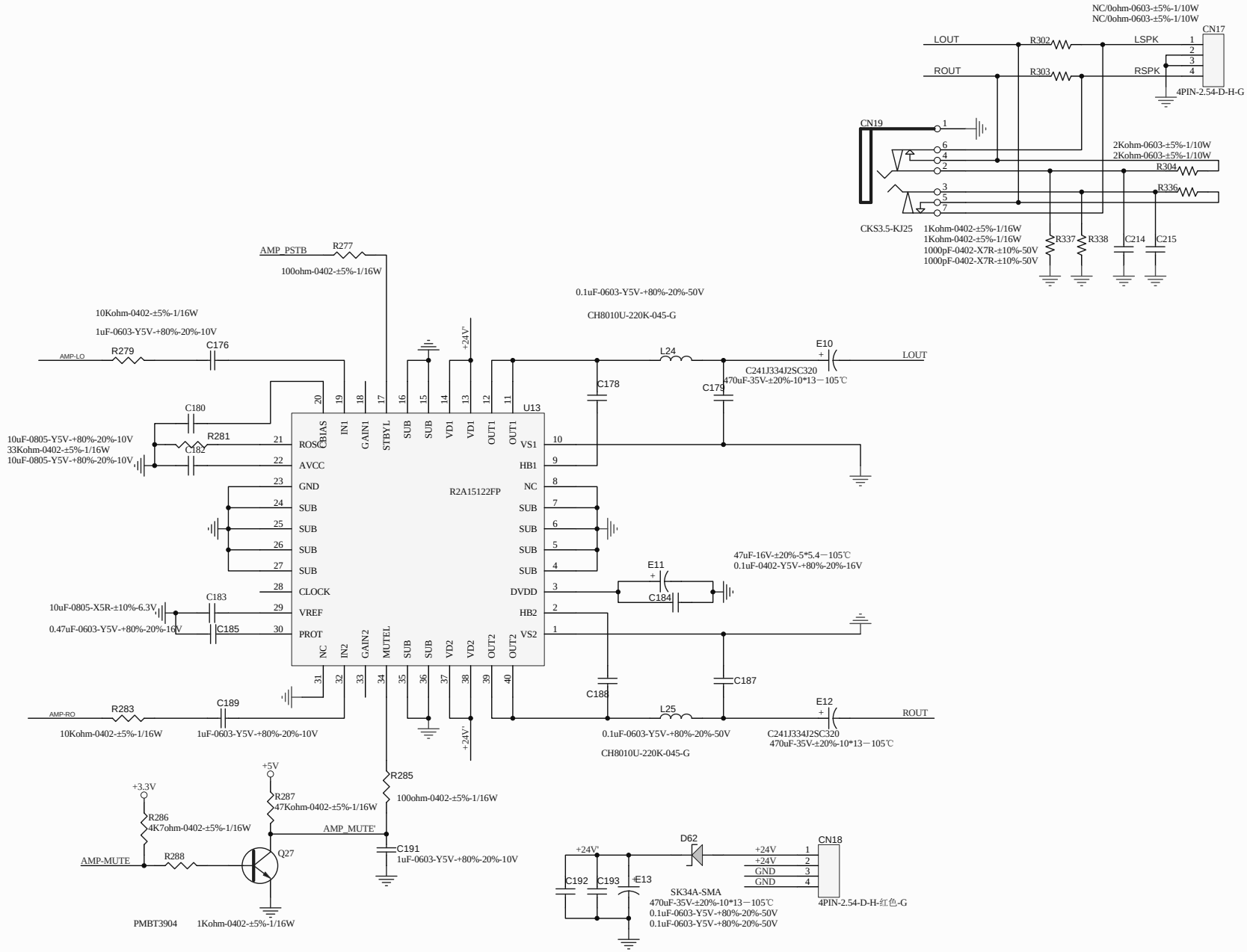
Do not change the factory settings in the menu, or may cause the machine does not work properly.

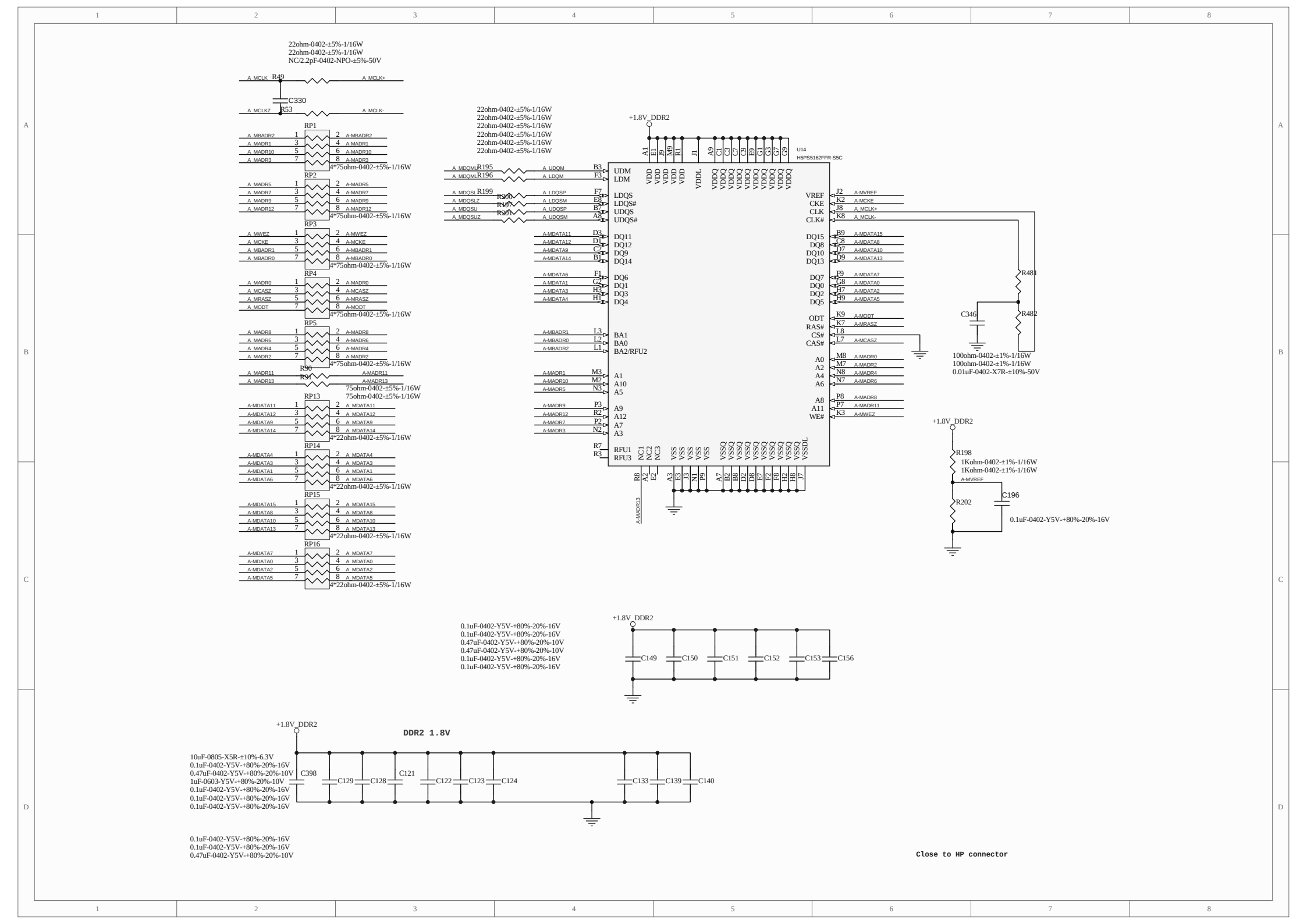

U1
AZ1117H-3.3(TR)E1
+5V_STB
+3.3V_STB
VI
VO
ADJ
100uF
0.1uF-0402-Y5V-+80%-20%-16V
10uF-0805-Y5V-+80%-20%-10V
U2
MP1482DN
DR2W4*5.5-10uH
5K1ohm-0402-±1%-1/16W
12Kohm-0402-±1%-1/16W
100Kohm-0402-±5%-1/16W
0.01uF-0402-X7R-±10%-50V
2K2ohm-0402-±5%-1/16W
1uF-0603-Y5V-+80%-20%-10V
470uF
+1.2V_VDDC
CN1
10PIN-2.54-D-H-G
GND
+5V
+5Vpanel
POWER ON/OFF
+3.3V_STB
PWR-ON/OFF
PMBT3906
PMBT3904
10Kohm-0402-±5%-1/16W
100ohm-0402-±5%-1/16W
CN3
3PIN-2.54-D-H-M
5V
PVCC
12V
U3
AZ1117H-3.3(TR)E1
+2.5V
U4
AZ1117H-ADJ(TR)E1
Vref=1.25V
U5
+1.8V_DDR2
1uF-0603-Y5V-+80%-20%-10V
120ohm-0402-±1%-1/16W
56ohm-0402-±5%-1/16W
散热片&定位孔&MARK点
CN20
22.5*22*6(缺口向上)
M1 MARK
M2 MARK
M3 MARK
M4 MARK
M5 MARK
M6 MARK
+5V
2Kohm-0402-±5%-1/16W
BL_ON
1Kohm-0402-±5%-1/16W
510ohm-0402-±5%-1/16W
BL_PWM
4K7ohm-0402-±5%-1/16W
6PIN-2.0-D-H-红色-G
P12V
BL ON'
ADJ'
Imax=2000mA
VCC-Panel
AO3401A
PANEL_ON/OFF

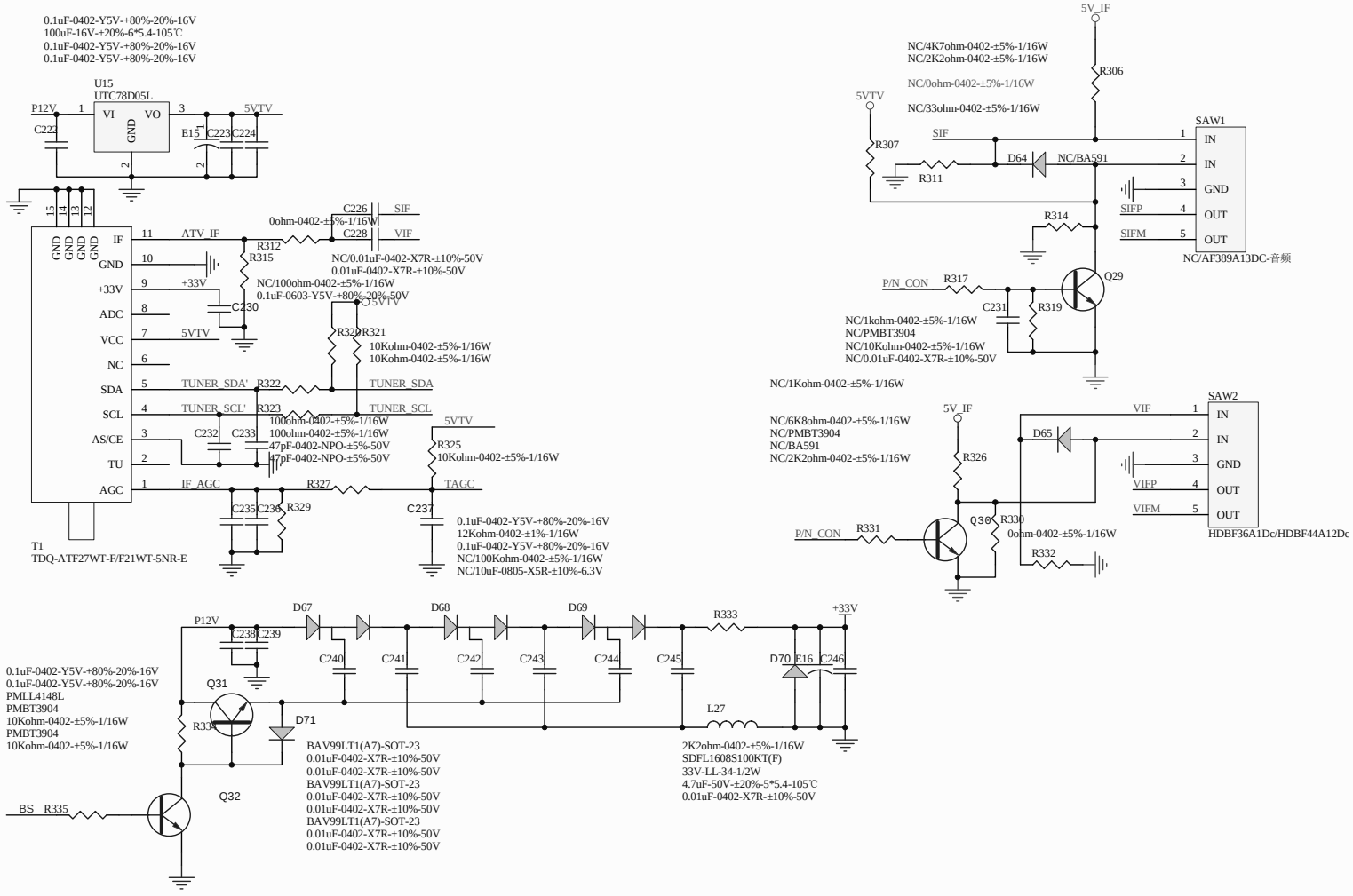

AV1
YPbPr2_Y
YPbPr2_Pb
YPbPr2_Pr
NC/AV3-8.4-06(绿、蓝、红)-U
0.1uF-0402-Y5V-+80%-20%-16V
+5V_VID
NC/ICVL0518030FR
75ohm-0402-±5%-1/16W
10uF-0805-X5R-±10%-6.3V
YPbPr1_Y
YPbPr2_Y
100Kohm-0402-±5%-1/16W
33ohm-0402-±5%-1/16W
YPbPr1_Pb
YPbPr2_Pb
YPbPr1_Pr
YPbPr2_Pr
1uF-0603-Y5V-+80%-20%-10V
CN7
CN10
CKX3-3.5-11-G
CN8
CN9
CN6
CN5
RC-2101(CS-104)-母式
U8
CBT3257AD
AV2
AV3-8.4-06(R、红、白)-U
AV3
AV4
P3-3063
EUSB1
NC/4PIN-2.0-D-H-G
EUSB2
4PIN-2.0-D-H-G
CN22
RUSB-LK-B4RA(LF)(SN)
P12V
Q11
PMBT3906
Q12
PMBT3904
Q13
Q14
Q19
Q17
AO3401A
F1
FSMD110
CVBS_OUT
LINE_LOUT
LINE_ROUT
COAXA
AV5
AV-8.4-5(橙)


CN12
GND 23 GND
GND 22 GND
GND 21 GND
GND 20 GND
19 HOTPLUG0
18 HDMI0_5VIN
17 GND
16 RX5V0_DDC_SDA
15 RX5V0_DDC_SCL
14
13 CEC1
12 HDMI0_RXC-
11 GND
10 HDMI0_RXC+
9 HDMI0_RX0-
8 GND
7 HDMI0_RX0+
6 HDMI0_RX1-
5 GND
4 HDMI0_RX1+
3 HDMI0_RX2-
2 GND
1 HDMI0_RX2+
471511051
PSX01_V33
+3.3V
L22
C248 C249 C250 C252 C253
GZ1608D121T(F)
10uF-0805-X5R-±10%-6.3V
0.1uF-0402-Y5V-+80%-20%-16V
0.1uF-0402-Y5V-+80%-20%-16V
0.1uF-0402-Y5V-+80%-20%-16V
0.1uF-0402-Y5V-+80%-20%-16V
HOTPLUG0 R63 RX0_HOTPLUG
RX5V0_DDC_SDA R79
RX5V0_DDC_SCL R82 HDMI0_5VIN
HDMI0_5VIN R155 POW0
R224
0ohm-0402-±5%-1/16W
10Kohm-0402-±5%-1/16W
10Kohm-0402-±5%-1/16W
36Kohm-0402-±5%-1/16W
10Kohm-0402-±5%-1/16W
HOTPLUG2 R355 RX2_HOTPLUG
RX5V2_DDC_SDA R356
RX5V2_DDC_SCL R357 HDMI2_5VIN
HDMI2_5VIN R358 POW2
R359
0ohm-0402-±5%-1/16W
10Kohm-0402-±5%-1/16W
10Kohm-0402-±5%-1/16W
36Kohm-0402-±5%-1/16W
10Kohm-0402-±5%-1/16W
C254
C255
1uF-0603-Y5V-+80%-20%-10V
1uF-0603-Y5V-+80%-20%-10V
HDMI_SDA R71
HDMI_SCL R248 PSX01_V33
4K7ohm-0402-±5%-1/16W
4K7ohm-0402-±5%-1/16W
U16
IT6633E-P
RX2_HOTPLUG 1 HDP2
RX5V2_DDC_SDA 2 SDA2
RX5V2_DDC_SCL 3 SCL2
HDMI2_RXC- 4 B21
HDMI2_RXC+ 5 A21
POW2 6 POW2
HDMI2_RX0- 7 B22
HDMI2_RX0+ 8 A22
GND 9 GND
HDMI2_RX1- 10 B23
HDMI2_RX1+ 11 A23
PSX01_V33 12 VCC
HDMI2_RX2- 13 B24
HDMI2_RX2+ 14 A24
POW0 15 POW1
RX0_HOTPLUG 16 HPD1
48 HDMI_SDA R278 HDMI2-SDA
47 HDMI_SCL R284 HDMI2-SCL
46 HDMI_RXC- R291 HDMI2-CLKN
45 HDMI_RXC+ R298 HDMI2-CLKP
44
43 HDMI_RX0- R340 HDMI2-RX0N
42 HDMI_RX0+ R343 HDMI2-RX0P
41 GND
40 HDMI_RX1- R344 HDMI2-RX1N
39 HDMI_RX1+ R345 HDMI2-RX1P
38 PSX01_V33
37 HDMI_RX2- R346 HDMI2-RX2N
36 HDMI_RX2+ R347 HDMI2-RX2P
R348 PSX01_V33
34 R349 M2C_SCL
33 R350 M2C_SDA
10Kohm-0402-±5%-1/16W
R360 C57 C58
10ohm-0402-±5%-1/16W
10ohm-0402-±5%-1/16W
10ohm-0402-±5%-1/16W
10ohm-0402-±5%-1/16W
10ohm-0402-±5%-1/16W
10ohm-0402-±5%-1/16W
10ohm-0402-±5%-1/16W
10ohm-0402-±5%-1/16W
10ohm-0402-±5%-1/16W
10ohm-0402-±5%-1/16W
NC/4K7ohm-0402-±5%-1/16W
100ohm-0402-±5%-1/16W
NC/33pF-0402-NPO-±5%-50V
NC/33pF-0402-NPO-±5%-50V
4K7ohm-0402-±5%-1/16W
R351
499ohm-0402-±1%-1/16W
10Kohm-0402-±5%-1/16W
CN21
HDMI4_RX2+ 1 2 HDMI4_RX2-
HDMI4_RX1+ 3 4 HDMI4_RX1-
HDMI4_RX0+ 5 6 HDMI4_RX0-
HDMI4_RXC+ 7 8 HDMI4_RXC-
HDMI4_SCL 9 10 HDMI4_SDA
GND 11 12 GND
HDMI4_5VIN 13 14 HOTPLUG4
GND 15 16 GND
CEC1 17 18 +5V
M2C_SCL 19 20 M2C_SDA
2*10PIN-2.0-D-H-M
C251
0.1uF-0402-Y5V-+80%-20%-16V
HOTPLUG4 R56 RX4_HOTPLUG
HDMI4_SDA R59
HDMI4_SCL R246 HDMI4_5VIN
HDMI4_5VIN R247 POW4
R354
0ohm-0402-±5%-1/16W
10Kohm-0402-±5%-1/16W
10Kohm-0402-±5%-1/16W
36Kohm-0402-±5%-1/16W
10Kohm-0402-±5%-1/16W
CN13
GND 23 GND
GND 22 GND
GND 21 GND
GND 20 GND
19 HOTPLUG2
18 HDMI2_5VIN
17 GND
16 RX5V2_DDC_SDA
15 RX5V2_DDC_SCL
14
13 CEC1
12 HDMI2_RXC-
11 GND
10 HDMI2_RXC+
9 HDMI2_RX0-
8 GND
7 HDMI2_RX0+
6 HDMI2_RX1-
5 GND
4 HDMI2_RX1+
3 HDMI2_RX2-
2 GND
1 HDMI2_RX2+
471511051
HDMI2_5VIN
R204
NC/10Kohm-0402-±5%-1/16W
NC/1Kohm-0402-±5%-1/16W
NC/1Kohm-0402-±5%-1/16W
HOTPLUG2
R206
HDMI_HP2
R208
Q22
PMBT3904
HDMI2_5VIN
R223
NC/22Kohm-0402-±5%-1/16W
AUSD_IN
R249
NC/33Kohm-0402-±5%-1/16W
HDMI2_5VIN
+5V
D38
NC/BAT54C-215
HDMI2+5V
R211 R212
NC/10Kohm-0402-±5%-1/16W
NC/10Kohm-0402-±5%-1/16W
NC/22pF-0402-NPO-±5%-50V
NC/22pF-0402-NPO-±5%-50V
RX5V2_DDC_SDA
RX5V2_DDC_SCL
C133 C148
RX5V2_DDC_SDA R100 HDMI_SDA
NC/0ohm-0402-±5%-1/16W
RX5V2_DDC_SCL R101 HDMI_SCL
NC/0ohm-0402-±5%-1/16W
RP6
HDMI2_RXC- 1 2 HDMI_RXC-
HDMI2_RXC+ 3 4 HDMI_RXC+
HDMI2_RX0- 5 6 HDMI_RX0-
HDMI2_RX0+ 7 8 HDMI_RX0+
NC/4*0ohm-0402-±5%-1/16W
RP7
HDMI2_RX1- 1 2 HDMI_RX1-
HDMI2_RX1+ 3 4 HDMI_RX1+
HDMI2_RX2- 5 6 HDMI_RX2-
HDMI2_RX2+ 7 8 HDMI_RX2+
NC/4*0ohm-0402-±5%-1/16W
HDMI1_5VIN
+5V
D37
BAT54C-215
HDMI1+5V
10Kohm-0402-±5%-1/16W
10Kohm-0402-±5%-1/16W
22pF-0402-NPO-±5%-50V
22pF-0402-NPO-±5%-50V
R193
R194
RX5V1_DDC_SDA
RX5V1_DDC_SCL
C119 C120
CN11
GND 23 GND
GND 22 GND
GND 21 GND
GND 20 GND
19 HOTPLUG1
18 HDMI1_5VIN
17 GND
16 RX5V1_DDC_SDA
15 RX5V1_DDC_SCL
14
13 CEC1
12 HDMI1_RXC-
11 GND
10 HDMI1_RXC+
9 HDMI1_RX0-
8 GND
7 HDMI1_RX0+
6 HDMI1_RX1-
5 GND
4 HDMI1_RX1+
3 HDMI1_RX2-
2 GND
1 HDMI1_RX2+
471511051
HDMI1_5VIN
10Kohm-0402-±5%-1/16W
1Kohm-0402-±5%-1/16W
R189
R188
HOTPLUG1
HDMI_HP1
R191
Q21
PMBT3904
HDMI1_5VIN
R222
22Kohm-0402-±5%-1/16W
AUMS_IN
R250
33Kohm-0402-±5%-1/16W
GND
RX5V1_DDC_SDA R185 HDMI1-SDA
100ohm-0402-±5%-1/16W
RX5V1_DDC_SCL R186 HDMI1-SCL
HDMI1_RXC- R187 HDMI1-CLKN
100ohm-0402-±5%-1/16W
HDMI1_RXC+ R190 HDMI1-CLKP
10ohm-0402-±5%-1/16W
HDMI1_RX0- R192 HDMI1-RX0N
10ohm-0402-±5%-1/16W
HDMI1_RX0+ R294 HDMI1-RX0P
10ohm-0402-±5%-1/16W
HDMI1_RX1- R295 HDMI1-RX1N
10ohm-0402-±5%-1/16W
HDMI1_RX1+ R296 HDMI1-RX1P
10ohm-0402-±5%-1/16W
HDMI1_RX2- R297 HDMI1-RX2N
10ohm-0402-±5%-1/16W
HDMI1_RX2+ R299 HDMI1-RX2P
10ohm-0402-±5%-1/16W
HDMI2_RXC+
HDMI2_RXC-
HDMI2_RX1+
HDMI2_RX1-
HDMI2_RX0+
HDMI2_RX0-
HDMI2_RXC+
HDMI2_RXC-
RX5V2_DDC_SCL
RX5V2_DDC_SDA
D49 D50 D51 D52 D53 D54 D55 D56 D57 D58
NC/NC/ULCE0505A015FR
NC/NC/ULCE0505A015FR
NC/NC/ULCE0505A015FR
NC/NC/ULCE0505A015FR
NC/NC/ULCE0505A015FR
NC/NC/ULCE0505A015FR
NC/NC/ULCE0505A015FR
NC/NC/ULCE0505A015FR
NC/NC/ICVL0518030FR
NC/NC/ICVL0518030FR
HDMI1_RXC+
HDMI1_RXC-
HDMI1_RX1+
HDMI1_RX1-
HDMI1_RX0+
HDMI1_RX0-
HDMI1_RXC+
HDMI1_RXC-
RX5V1_DDC_SCL
RX5V1_DDC_SDA
D39 D40 D41 D42 D43 D44 D45 D46 D47 D48
NC/ULCE0505A015FR
NC/ULCE0505A015FR
NC/ULCE0505A015FR
NC/ULCE0505A015FR
NC/ULCE0505A015FR
NC/ULCE0505A015FR
NC/ULCE0505A015FR
NC/ULCE0505A015FR
NC/ICVL0518030FR
NC/ICVL0518030FR


U9
MST6M48RHS-LF-Z1-SJ
SB3V3_DVI
+1.2V_VDDC
+1.8V_DDR2
+3.3V
AU_2V5
+2.5V_PGA
AVDD_DMPLL
AMP-RO
AMP-LO
Normal Power 3.3V
CN14
CN16
U10
U12
W25Q32BVSSIG
NC/24C08A-2GLI(需烧录)
NC/FLASH_CS0N
NC/FLASH_WP0N
SPI_Flash-SDO2
SPI_Flash-SCK
SPI_Flash-SDI
WP_EEP
MI2C_SCL
MI2C_SDA
KP_KEYA
KP_KEYB
LED_R
LED_GREEN
14PIN-2.0-D-H-G
2*20PIN-2.0-D-H-M
SGM810-SXN3L
GZ1608D121T(F)
GZ1608D601T(F)
NC/4K7ohm-0402-±5%-1/16W
NC/0ohm-0402-±5%-1/16W
MST6E48RHS
MST6M48RHS
MST6E48RHS识别电阻
MST6M48RHS识别电阻


NC/0ohm-0603-±5%-1/10W
NC/0ohm-0603-±5%-1/10W
CN17
LOUT
R302
LSPK
ROUT
R303
RSPK
4PIN-2.54-D-H-G
CN19
2Kohm-0603-±5%-1/10W
2Kohm-0603-±5%-1/10W
R304
R336
CKS3.5-KJ25
1Kohm-0402-±5%-1/16W
1Kohm-0402-±5%-1/16W
1000pF-0402-X7R-±10%-50V
1000pF-0402-X7R-±10%-50V
R337
R338
C214
C215
AMP_PSTB
R277
100ohm-0402-±5%-1/16W
0.1uF-0603-Y5V-+80%-20%-50V
CH8010U-220K-045-G
10Kohm-0402-±5%-1/16W
1uF-0603-Y5V-+80%-20%-10V
AMP-LO
R279
C176
+24V'
L24
E10
LOUT
C241J334J2SC320
470uF-35V-±20%-10*13－105℃
C178
C179
C180
U13
10uF-0805-Y5V-+80%-20%-10V
33Kohm-0402-±5%-1/16W
10uF-0805-Y5V-+80%-20%-10V
R281
C182
ROSC
AVCC
GND
SUB
CLOCK
VREF
PROT
CBIAS
IN1
GAIN1
STBYL
VD1
OUT1
VS1
HB1
NC
R2A15122FP
47uF-16V-±20%-5*5.4－105℃
0.1uF-0402-Y5V-+80%-20%-16V
E11
C184
10uF-0805-X5R-±10%-6.3V
0.47uF-0603-Y5V-+80%-20%-16V
C183
C185
IN2
GAIN2
MUTEL
VD2
OUT2
HB2
VS2
C188
C187
AMP-RO
R283
C189
10Kohm-0402-±5%-1/16W
1uF-0603-Y5V-+80%-20%-10V
L25
E12
ROUT
0.1uF-0603-Y5V-+80%-20%-50V
CH8010U-220K-045-G
C241J334J2SC320
470uF-35V-±20%-10*13－105℃
+5V
+3.3V
R285
100ohm-0402-±5%-1/16W
R287
47Kohm-0402-±5%-1/16W
R286
4K7ohm-0402-±5%-1/16W
AMP_MUTE'
AMP-MUTE
R288
Q27
C191
1uF-0603-Y5V-+80%-20%-10V
PMBT3904
1Kohm-0402-±5%-1/16W
+24V'
D62
CN18
C192
C193
E13
SK34A-SMA
470uF-35V-±20%-10*13－105℃
0.1uF-0603-Y5V-+80%-20%-50V
0.1uF-0603-Y5V-+80%-20%-50V
4PIN-2.54-D-H-红色-G


22ohm-0402-±5%-1/16W
22ohm-0402-±5%-1/16W
NC/2.2pF-0402-NPO-±5%-50V
A_MCLK
R49
A_MCLK+
C330
A_MCLKZ
R53
A_MCLK-
RP1
A_MBADR2
A_MADR1
A_MADR10
A_MADR3
A-MBADR2
A-MADR1
A-MADR10
A-MADR3
4*75ohm-0402-±5%-1/16W
RP2
A_MADR5
A_MADR7
A_MADR9
A_MADR12
A-MADR5
A-MADR7
A-MADR9
A-MADR12
4*75ohm-0402-±5%-1/16W
RP3
A_MWEZ
A_MCKE
A_MBADR1
A_MBADR0
A-MWEZ
A-MCKE
A-MBADR1
A-MBADR0
4*75ohm-0402-±5%-1/16W
RP4
A_MADR0
A_MCASZ
A_MRASZ
A_MODT
A-MADR0
A-MCASZ
A-MRASZ
A-MODT
4*75ohm-0402-±5%-1/16W
RP5
A_MADR8
A_MADR6
A_MADR4
A_MADR2
A-MADR8
A-MADR6
A-MADR4
A-MADR2
4*75ohm-0402-±5%-1/16W
R90
R94
A_MADR11
A_MADR13
A-MADR11
A-MADR13
75ohm-0402-±5%-1/16W
75ohm-0402-±5%-1/16W
RP13
A-MDATA11
A-MDATA12
A-MDATA9
A-MDATA14
A_MDATA11
A_MDATA12
A_MDATA9
A_MDATA14
4*22ohm-0402-±5%-1/16W
RP14
A-MDATA4
A-MDATA3
A-MDATA1
A-MDATA6
A_MDATA4
A_MDATA3
A_MDATA1
A_MDATA6
4*22ohm-0402-±5%-1/16W
RP15
A-MDATA15
A-MDATA8
A-MDATA10
A-MDATA13
A_MDATA15
A_MDATA8
A_MDATA10
A_MDATA13
4*22ohm-0402-±5%-1/16W
RP16
A-MDATA7
A-MDATA0
A-MDATA2
A-MDATA5
A_MDATA7
A_MDATA0
A_MDATA2
A_MDATA5
4*22ohm-0402-±5%-1/16W
22ohm-0402-±5%-1/16W
22ohm-0402-±5%-1/16W
22ohm-0402-±5%-1/16W
22ohm-0402-±5%-1/16W
22ohm-0402-±5%-1/16W
22ohm-0402-±5%-1/16W
+1.8V_DDR2
U14
H5PS5162FFR-S5C
A_MDQMU
A_MDQML
R195
R196
A_UDQM
A_LDQM
A_MDQSL
A_MDQSLZ
A_MDQSU
A_MDQSUZ
R199
R200
R197
R201
A_LDQSP
A_LDQSM
A_UDQSP
A_UDQSM
UDM
LDM
LDQS
LDQS#
UDQS
UDQS#
DQ11
DQ12
DQ9
DQ14
DQ6
DQ1
DQ3
DQ4
BA1
BA0
BA2/RFU2
A1
A10
A5
A9
A12
A7
A3
RFU1
RFU3
NC1
NC2
NC3
VDD
VDDL
VDDQ
VSS
VSSQ
VSSDL
VREF
CKE
CLK
CLK#
DQ15
DQ8
DQ10
DQ13
DQ7
DQ0
DQ2
DQ5
ODT
RAS#
CS#
CAS#
A0
A2
A4
A6
A8
A11
WE#
A-MVREF
A-MCKE
A_MCLK+
A_MCLK-
A-MDATA15
A-MDATA8
A-MDATA10
A-MDATA13
A-MDATA7
A-MDATA0
A-MDATA2
A-MDATA5
A-MODT
A-MRASZ
A-MCASZ
A-MADR0
A-MADR2
A-MADR4
A-MADR6
A-MADR8
A-MADR11
A-MWEZ
A-MADR13
R481
R482
C346
100ohm-0402-±1%-1/16W
100ohm-0402-±1%-1/16W
0.01uF-0402-X7R-±10%-50V
+1.8V_DDR2
R198
1Kohm-0402-±1%-1/16W
1Kohm-0402-±1%-1/16W
A-MVREF
R202
C196
0.1uF-0402-Y5V-+80%-20%-16V
0.1uF-0402-Y5V-+80%-20%-16V
0.47uF-0402-Y5V-+80%-20%-10V
0.47uF-0402-Y5V-+80%-20%-10V
0.1uF-0402-Y5V-+80%-20%-16V
0.1uF-0402-Y5V-+80%-20%-16V
+1.8V_DDR2
C149
C150
C151
C152
C153
C156
DDR2 1.8V
+1.8V_DDR2
10uF-0805-X5R-±10%-6.3V
0.1uF-0402-Y5V-+80%-20%-16V
0.47uF-0402-Y5V-+80%-20%-10V
1uF-0603-Y5V-+80%-20%-10V
0.1uF-0402-Y5V-+80%-20%-16V
0.1uF-0402-Y5V-+80%-20%-16V
0.1uF-0402-Y5V-+80%-20%-16V
C398
C129
C128
C121
C122
C123
C124
C133
C139
C140
0.1uF-0402-Y5V-+80%-20%-16V
0.1uF-0402-Y5V-+80%-20%-16V
0.47uF-0402-Y5V-+80%-20%-10V
Close to HP connector


0.1uF-0402-Y5V-+80%-20%-16V
100uF-16V-±20%-6*5.4-105℃
0.1uF-0402-Y5V-+80%-20%-16V
0.1uF-0402-Y5V-+80%-20%-16V
U15
UTC78D05L
P12V
VI
VO
GND
5VTV
C222
E15
C223
C224
C226
0ohm-0402-±5%-1/16W
SIF
C228
VIF
IF
GND
+33V
ADC
VCC
NC
SDA
SCL
AS/CE
TU
AGC
ATV_IF
R312
R315
NC/0.01uF-0402-X7R-±10%-50V
0.01uF-0402-X7R-±10%-50V
NC/100ohm-0402-±5%-1/16W
0.1uF-0603-Y5V-+80%-20%-50V
C230
R322
R321
10Kohm-0402-±5%-1/16W
10Kohm-0402-±5%-1/16W
TUNER_SDA'
TUNER_SDA
TUNER_SCL'
TUNER_SCL
R323
100ohm-0402-±5%-1/16W
100ohm-0402-±5%-1/16W
C232
C233
47pF-0402-NPO-±5%-50V
47pF-0402-NPO-±5%-50V
R325
10Kohm-0402-±5%-1/16W
IF_AGC
R327
TAGC
C235
C236
R329
C237
0.1uF-0402-Y5V-+80%-20%-16V
12Kohm-0402-±1%-1/16W
0.1uF-0402-Y5V-+80%-20%-16V
NC/100Kohm-0402-±5%-1/16W
NC/10uF-0805-X5R-±10%-6.3V
T1
TDQ-ATF27WT-F/F21WT-5NR-E
5V_IF
NC/4K7ohm-0402-±5%-1/16W
NC/2K2ohm-0402-±5%-1/16W
NC/0ohm-0402-±5%-1/16W
NC/33ohm-0402-±5%-1/16W
R306
R307
R311
SIF
D64
NC/BA591
SAW1
IN
IN
GND
SIFP
OUT
SIFM
OUT
NC/AF389A13DC-音频
R314
P/N_CON
R317
Q29
C231
R319
NC/1kohm-0402-±5%-1/16W
NC/PMBT3904
NC/10Kohm-0402-±5%-1/16W
NC/0.01uF-0402-X7R-±10%-50V
NC/1Kohm-0402-±5%-1/16W
NC/6K8ohm-0402-±5%-1/16W
NC/PMBT3904
NC/BA591
NC/2K2ohm-0402-±5%-1/16W
R326
D65
VIF
SAW2
IN
IN
GND
VIFP
OUT
VIFM
OUT
HDBF36A1Dc/HDBF44A12Dc
P/N_CON
R331
Q30
R330
0ohm-0402-±5%-1/16W
R332
0.1uF-0402-Y5V-+80%-20%-16V
0.1uF-0402-Y5V-+80%-20%-16V
PMLL4148L
PMBT3904
10Kohm-0402-±5%-1/16W
PMBT3904
10Kohm-0402-±5%-1/16W
P12V
C238
C239
D67
D68
D69
R333
+33V
C240
C241
C242
C243
C244
C245
D70
E16
C246
Q31
R334
D71
L27
BS
R335
Q32
BAV99LT1(A7)-SOT-23
0.01uF-0402-X7R-±10%-50V
0.01uF-0402-X7R-±10%-50V
BAV99LT1(A7)-SOT-23
0.01uF-0402-X7R-±10%-50V
0.01uF-0402-X7R-±10%-50V
BAV99LT1(A7)-SOT-23
0.01uF-0402-X7R-±10%-50V
0.01uF-0402-X7R-±10%-50V
2K2ohm-0402-±5%-1/16W
SDFL1608S100KT(F)
33V-LL-34-1/2W
4.7uF-50V-±20%-5*5.4-105℃
0.01uF-0402-X7R-±10%-50V