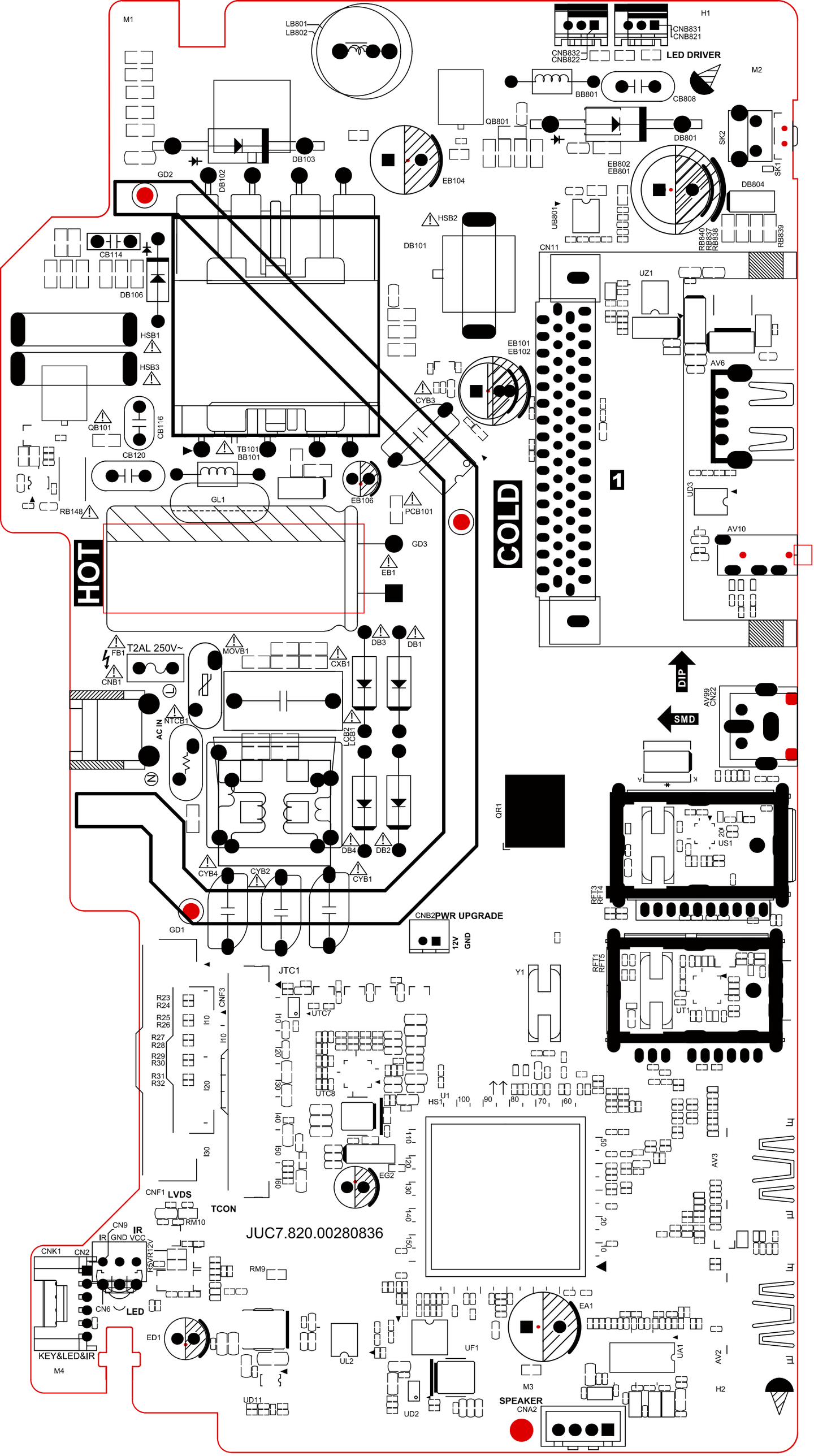
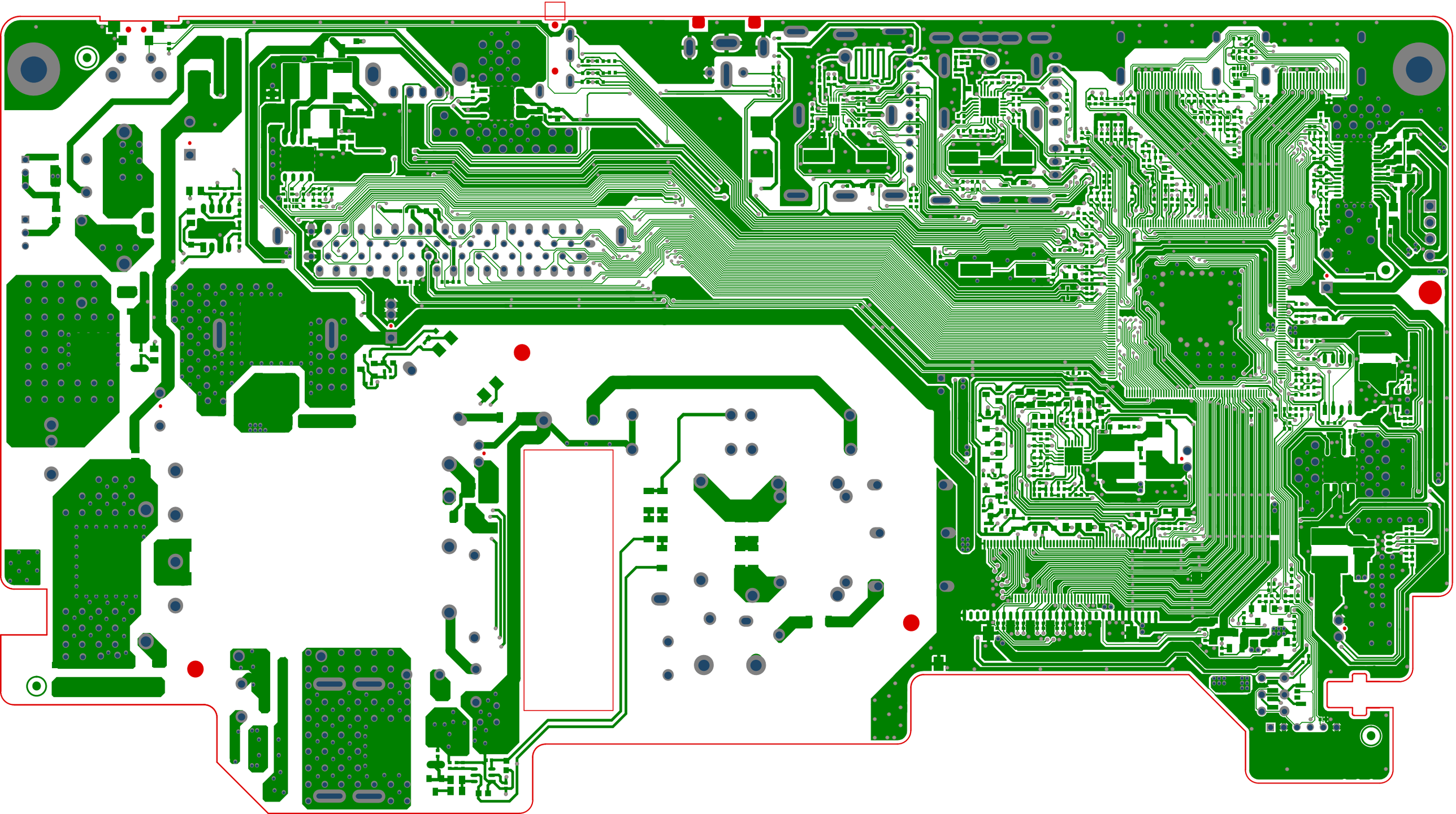
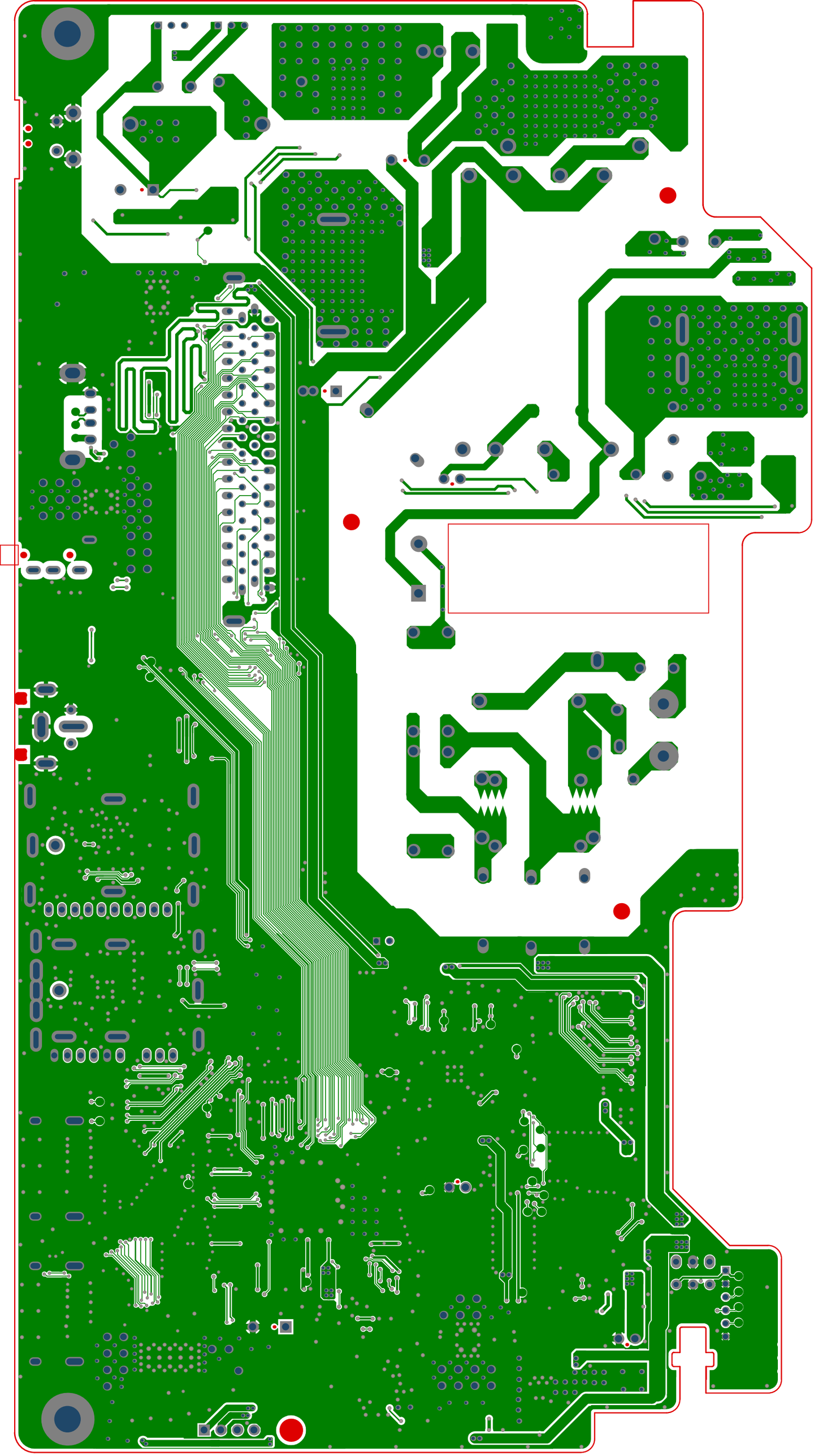
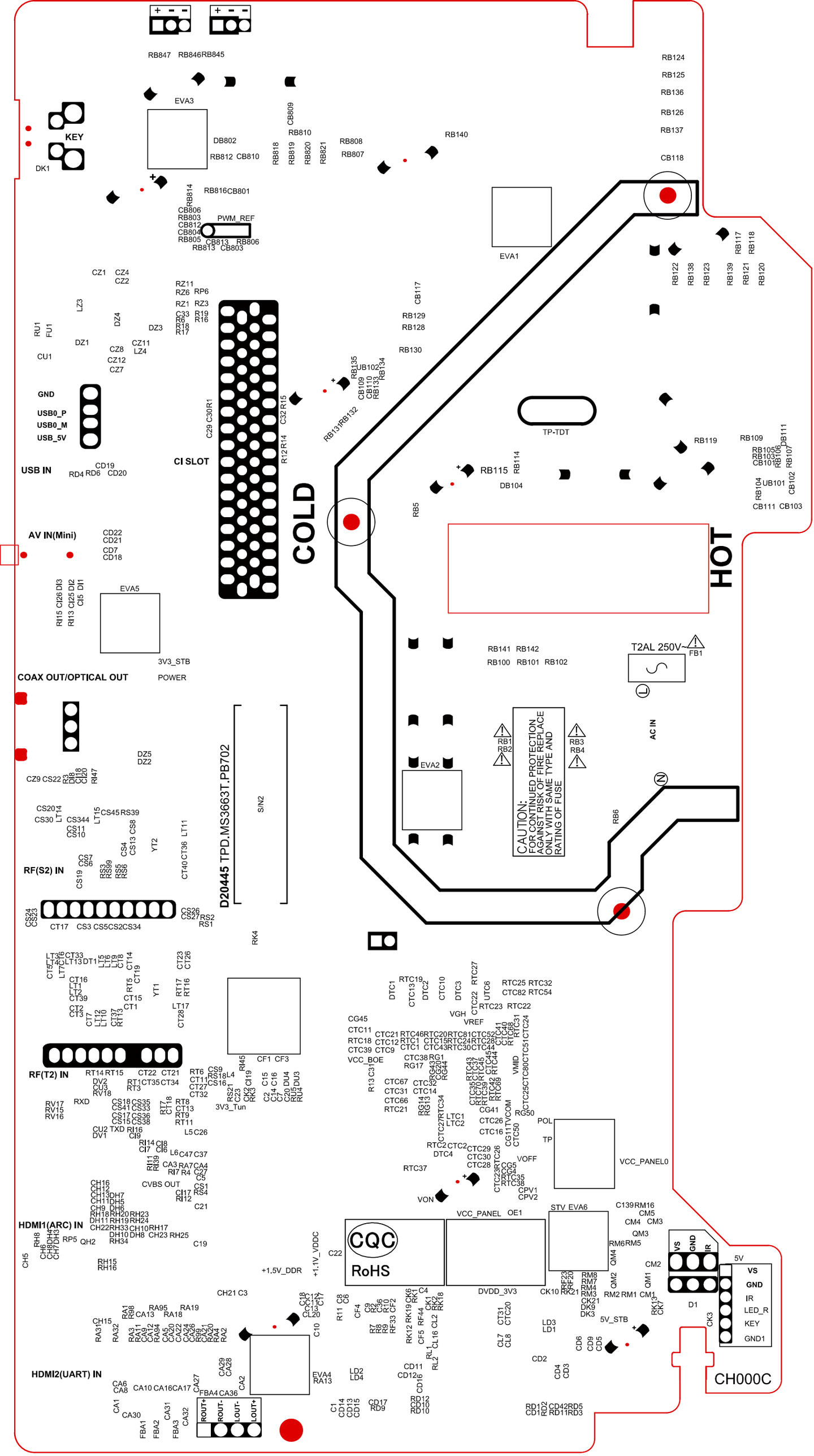

M1
LB801
LB802
H1
CNB831
CNB821
CNB832
CNB822
LED DRIVER
M2
BB801
CB808
QB801
DB801
SK2
SK1
DB103
DB102
GD2
EB104
EB802
EB801
DB804
UB801
RB840
RB837
RB838
RB839
HSB2
DB101
CN11
UZ1
CB114
DB106
HSB1
HSB3
EB101
EB102
AV6
CYB3
QB101
CB116
CB120
TB101
BB101
GL1
EB106
PCB101
RB148
1
UD3
AV10
HOT
COLD
GD3
EB1
DB3
DB1
FB1
T2AL 250V~
MOVB1
CXB1
CNB1
NTCB1
AC IN
LCB2
LCB1
DIP
SMD
AV99
CN22
QR1
US1
DB4
DB2
CYB4
CYB2
CYB1
RFT3
RFT4
GD1
CNB2
PWR UPGRADE
12V
GND
RFT1
RFT5
UT1
JTC1
Y1
R23
R24
R25
R26
R27
R28
R29
R30
R31
R32
CNF3
UTC7
UTC8
HS1
U1
EG2
CNF1
LVDS
TCON
RM10
JUC7.820.00280836
CN9
IR
GND
VCC
CNK1
CN2
R5V
R12V
RM9
CN6
LED
KEY&LED&IR
M4
ED1
UL2
UD11
UD2
UF1
EA1
UA1
M3
SPEAKER
CNA2
AV3
AV2
H2






KEY
DK1
EVA3
DB802
RB812 CB810
RB847 RB846 RB845
RB818 RB819 RB820 RB821
RB809 RB810
RB808 RB807
RB140
RB124 RB125 RB136 RB126 RB137
CB118
EVA1
RB816 CB801
RB814
CB806 RB803 CB812 CB804 RB805
PWM_REF
CB813 RB806 RB813 CB803
RB122 RB138 RB123 RB139 RB121 RB120
RB117 RB118
CZ1 CZ4 CZ2
RZ11 RZ6 RP6
RZ1 RZ3
C33 R19 R6 R16 R18 R17
LZ3 DZ4 DZ3 DZ1 CZ8 CZ11 LZ4 CZ12 CZ7
RU1 FU1 CU1
CB117
RB129 RB128
RB130
RB135 UB102 CB109 CB110 RB133 RB134
RB131 RB132
GND
USB0_P
USB0_M
USB_5V
USB IN
CD19 RD4 RD6 CD20
CI SLOT
C29 C30 R1 C32 R15 R12 R14
COLD
TP-TDT
RB119
RB109
RB105 RB103 CB101 RB106 RB107 DB111
RB104 UB101 CB102
CB111 CB103
RB115 RB114
DB104
RB5
HOT
AV IN(Mini)
CD22 CD21
CD7 CD18
EVA5
RI15 CI26 DI3 RI13 CI25 DI2 CI5 DI1
3V3_STB
POWER
COAX OUT/OPTICAL OUT
RB141 RB142
RB100 RB101 RB102
T2AL 250V~
FB1
L
N
AC IN
RB1 RB2
RB3 RB4
CAUTION:
FOR CONTINUED PROTECTION
AGAINST RISK OF FIRE REPLACE
ONLY WITH SAME TYPE AND
RATING OF FUSE
EVA2
RB6
DZ5 DZ2
CZ9 CS22 R33 DI8 CI20 RI47
D20445 TPD.MS3663T.PB702
S/N2
CS20 CS30 LT14 CS344 CS11 CS10 LT15 CS45 RS39 CS4 CS13 CS8 YT2 CT36 LT11
CS7 CS6 CS19 RS3 RS99 RS5 RS6 CT40
RF(S2) IN
CS24 CS23 CT17 CS3 CS5 CS2 CS34 CS26 CS27 RS2 RS1
RK4
LT3 CT5 LT7 LT6 CT33 LT13 DT1 LT5 LT6 LT9 LT8 CT14 CT19 CT23 CT26
CT16 LT1 LT2 CT39 CT2 CT3 CT7 LT12 LT10 CT37 RT13 CT1 CT15 RT5 YT1 RT17 RT16 LT17 CT28
CF1 CF3
RF(T2) IN
RT14 RT15 CT22 CT21 RT6 CS9 RS18 L4 RI45 RI19 C15 DU4 DU3
DV2 CU3 RV18 RT1 CT35 CT34 RT3 CT11 CS16 CT27 CT32 RS21 C23 RK2 RK3 C2 C14 C16 C7 C20 RU5 RU4
RXD
RV17 RV15 RV16
CS18 CS35 CS41 CS33 CS17 CS36 CS15 CS38 RT7 CT18 RT8 CT13 RT9 RT11
3V3_Tun
CU2 TXD RI16 DV1 CI9 L5 C26
RI14 CI8 CI7 CI6 L6 C47 C37
RI11 RI39 CA3 RA7 CA4 RI7 R4 C27 C5
CVBS OUT
CH16 CH12 CH13 DH7 CH11 DH5 CS1 CI17 RS4 RI12 C21
CH9 DH6 RH18 RH20 RH23 DH11 RH19 RH24 CH22 RH33 CH10 RH17 DH10 DH8 CH23 RH25 RH34 C19
HDMI1(ARC) IN
RH8 CH6 CH8 DH4 CH7 DH3 RP5 QH2 CH5
RH15 RH16
+1.5V_DDR
+1.1V_VDDC
C22
CH21 C3
RA95 RA19 RA1 R98 CA13 RA18 CH15 RA32 RA31
RA3 RA11 CA9 RA42 RA44 CA45 CA20 CA22 CA24 CA26 CA21 RA20 RA4 RA2
C10
CA29 CA28 CA2
HDMI2(UART) IN
CA6 CA8 CA10 CA16 CA17 CA27 FBA4 CA36
CA1 CA30 FBA1 FBA2 CA31 FBA3 CA32
ROUT+ ROUT- LOUT- LOUT+
EVA4 RA13
LD2 LD4
CD11 CD12 CD16
CD17 RD9
RD12 CD10 RD10
C1 CD14 CD13 CD15
RD1 RD2 CD42 RD5 CD1 RD11 RD3
DTC1 RTC19 CTC13 DTC2 CTC10 DTC3 RTC27 CTC22 UTC6 RTC25 RTC32 CTC82 RTC54 RTC23 RTC22
VGH VREF
CG45 CTC11 RTC18 CTC12 CTC39 CTC9 VCC_BOE
CTC21 RTC46 RTC20 RTC81 CTC52 RTC1 CTC15 RTC24 RTC28 CTC1 CTC43 RTC30 CTC44 CTC41 CTC40 RTC68 RTC31 CTC24
CTC38 RG1 RG17 RG43 CG20 RG44 RTC43 RTC45 CTC45 RTC44 VMID
R13 C31
CTC67 CTC32 CTC31 CTC14 CTC66 RTC21 RG14 RG13 CTC35 RTC70 RTC39 RTC42 RTC69 CTC25 CTC80 CTC51
CG41 RG50 CTC26 CTC16 CG11 VCOM CTC50 POL
LTC1 LTC2 CTC27 RTC34
RTC2 CTC2 DTC4 CTC29 CTC30 CTC28 RTC26 VOFF
RTC37 CTC23 CG5 CG4 RTC35 RTC38 CPV1 CPV2
TP
VCC_PANEL0
VON
VCC_PANEL OE1
STV EVA6
C139 RM16 CM5 CM4 CM3 QM3 RM6 RM5 QM4 CM2 QM1
CQC
RoHS
DVDD_3V3
CK10 RF23 RF20 RK21 RM8 RM7 RM4 RM3 CK21 DK9 DK3 RM2 RM1 CM1
RK13 CK7
VS GND IR
D1
5V
VS
GND
IR
LED_R
KEY
GND1
CK3
5V_STB
LD3 LD1
CD6 CD9 CD5
CD2
CD4 CD3
CH000C