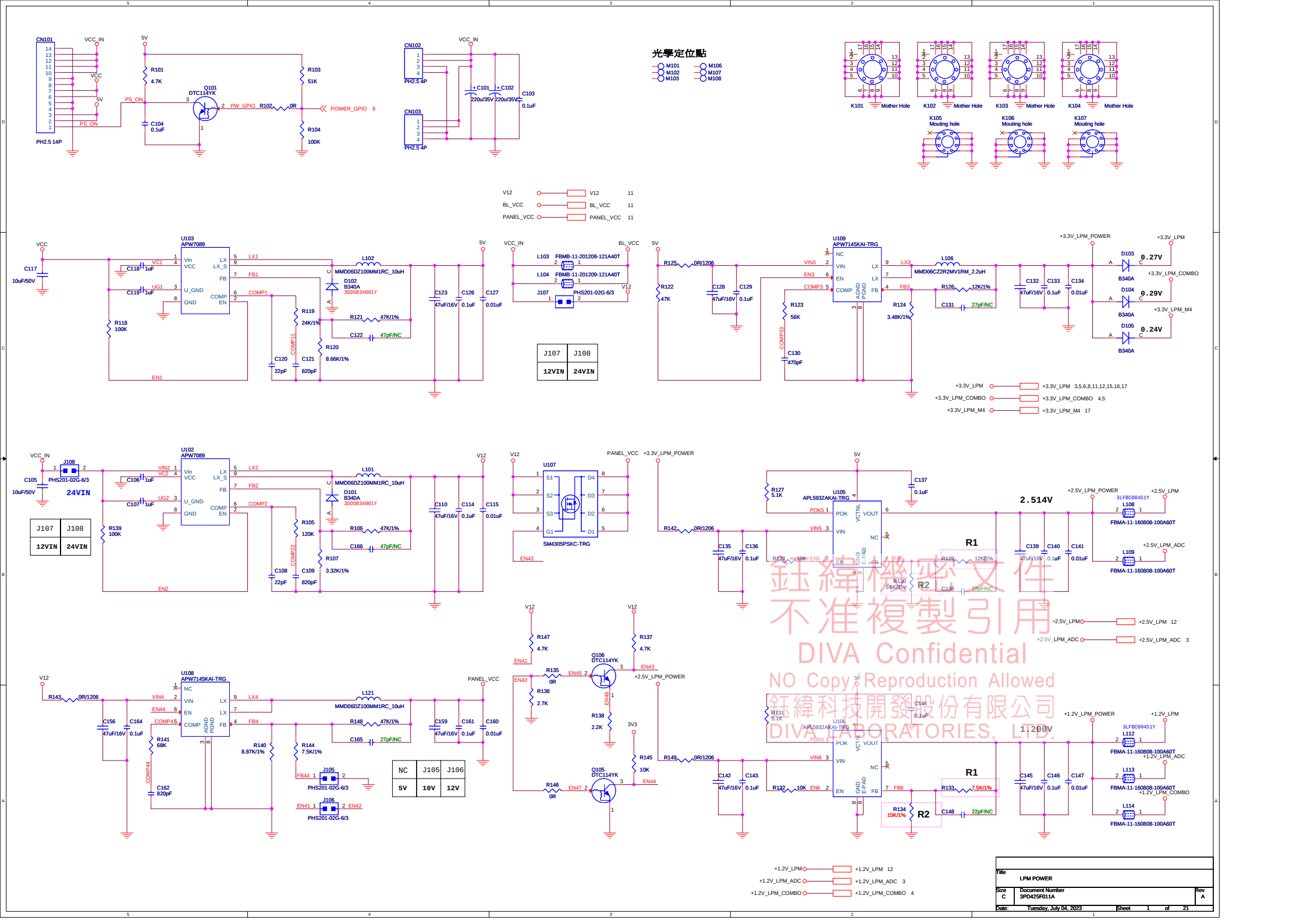
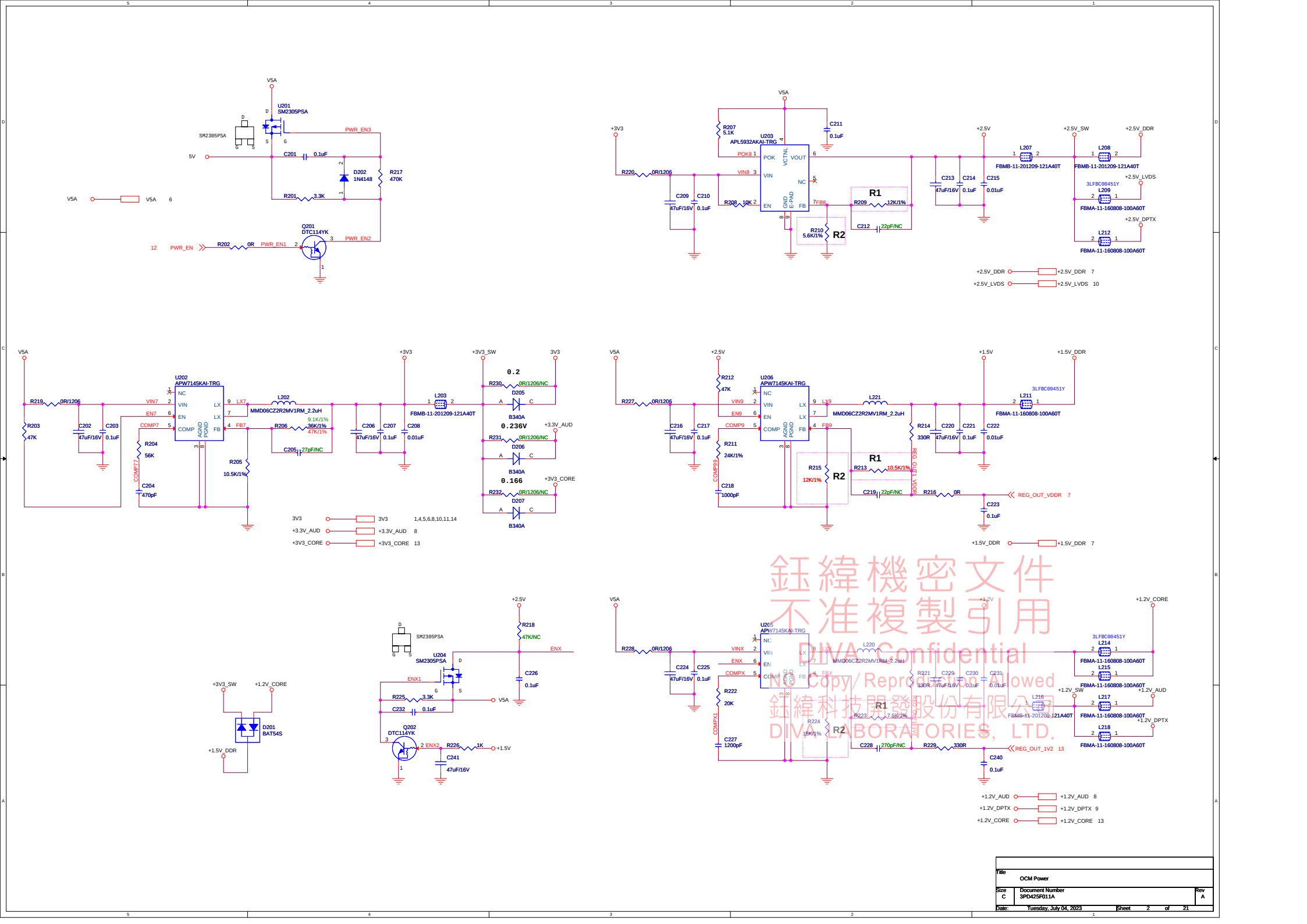
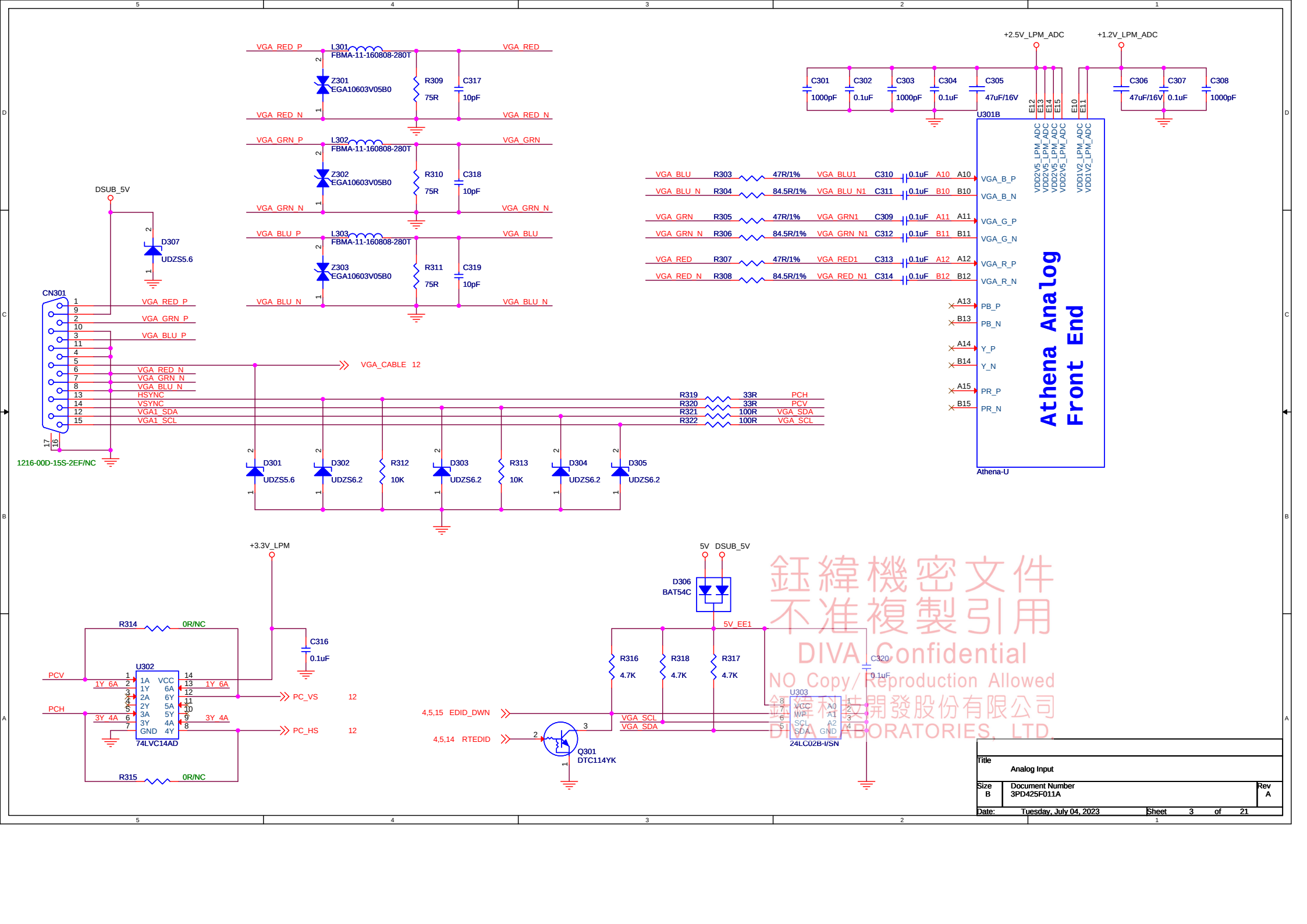


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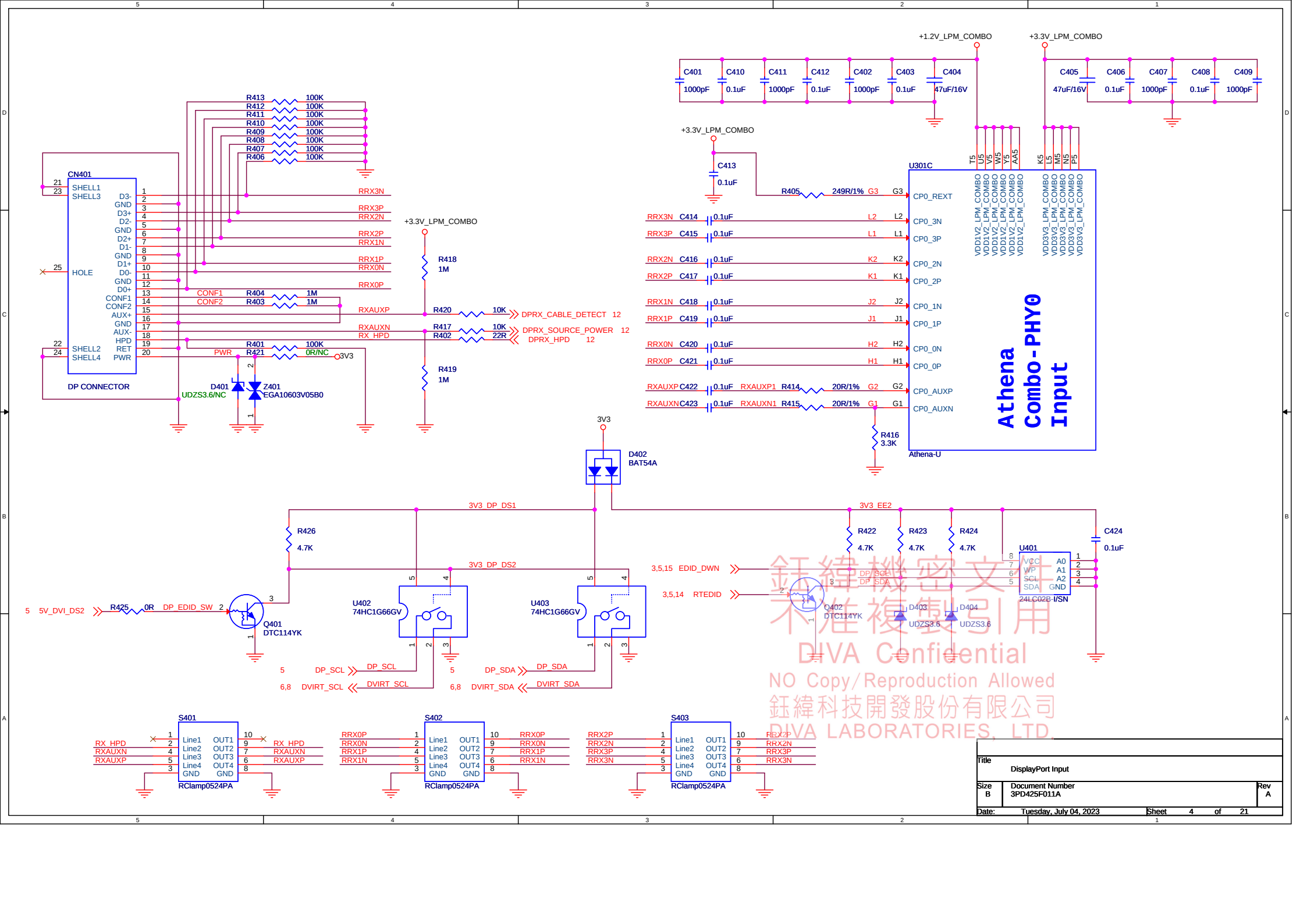
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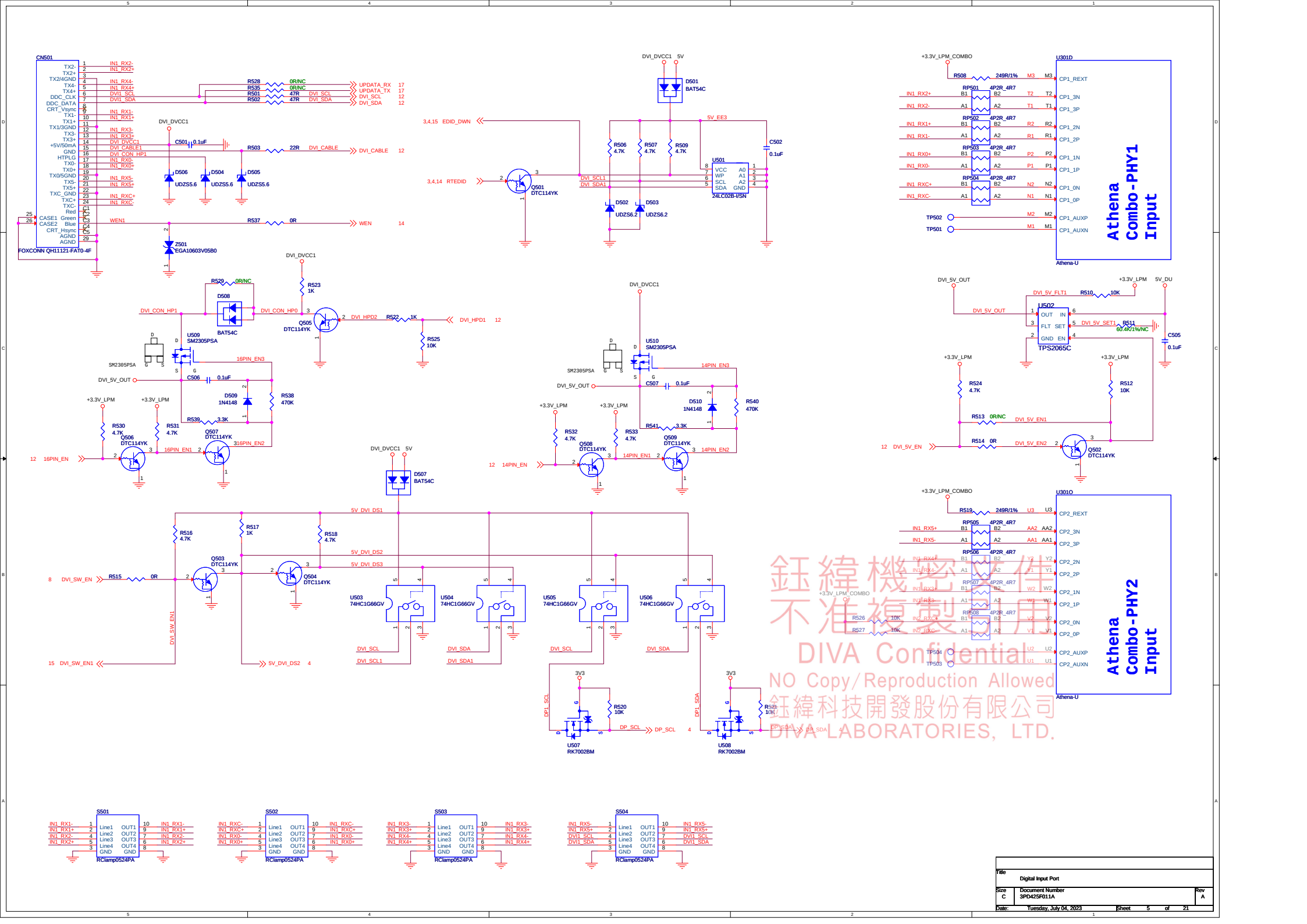
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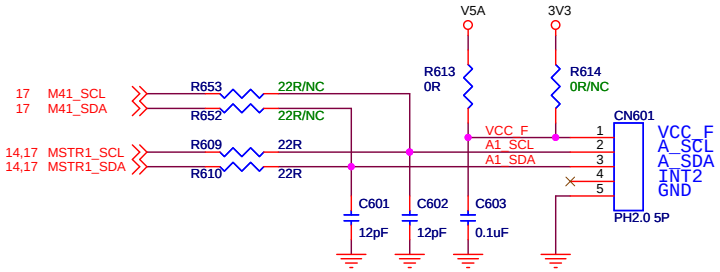


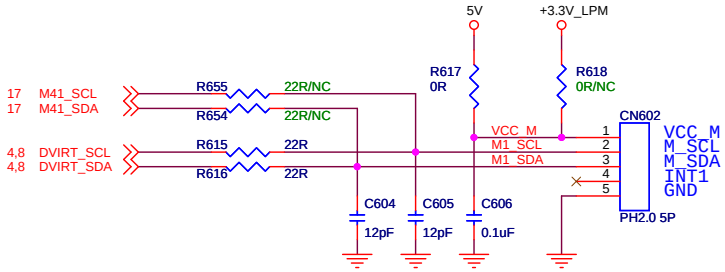
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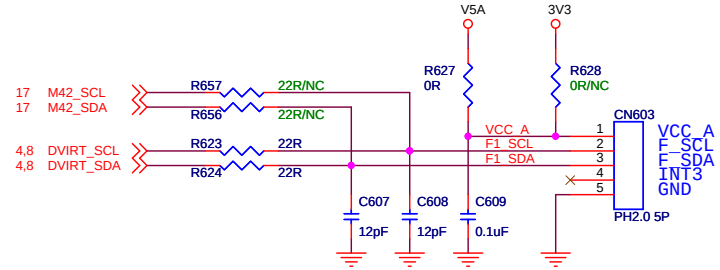
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Date: Tuesday, July 04, 2023	Sheet 4 of 21	

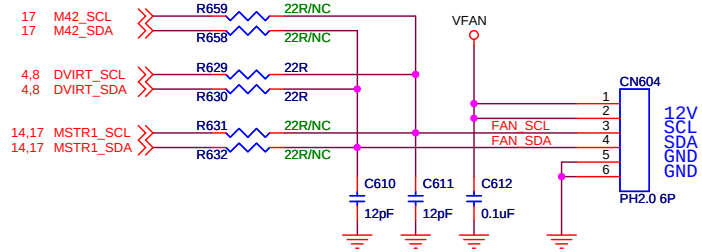


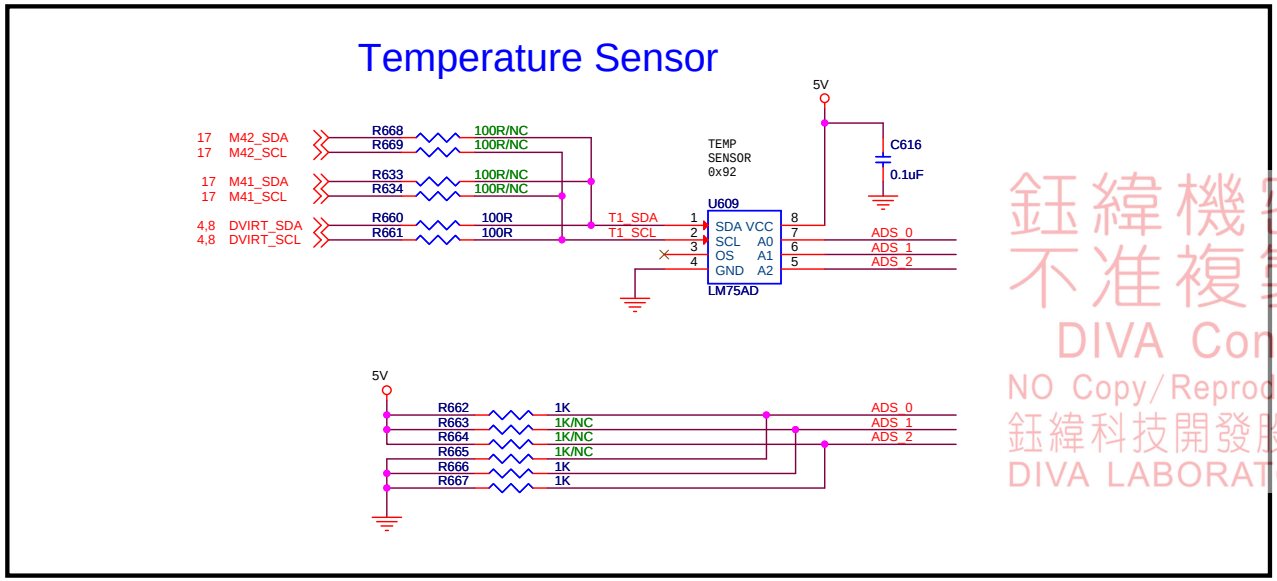
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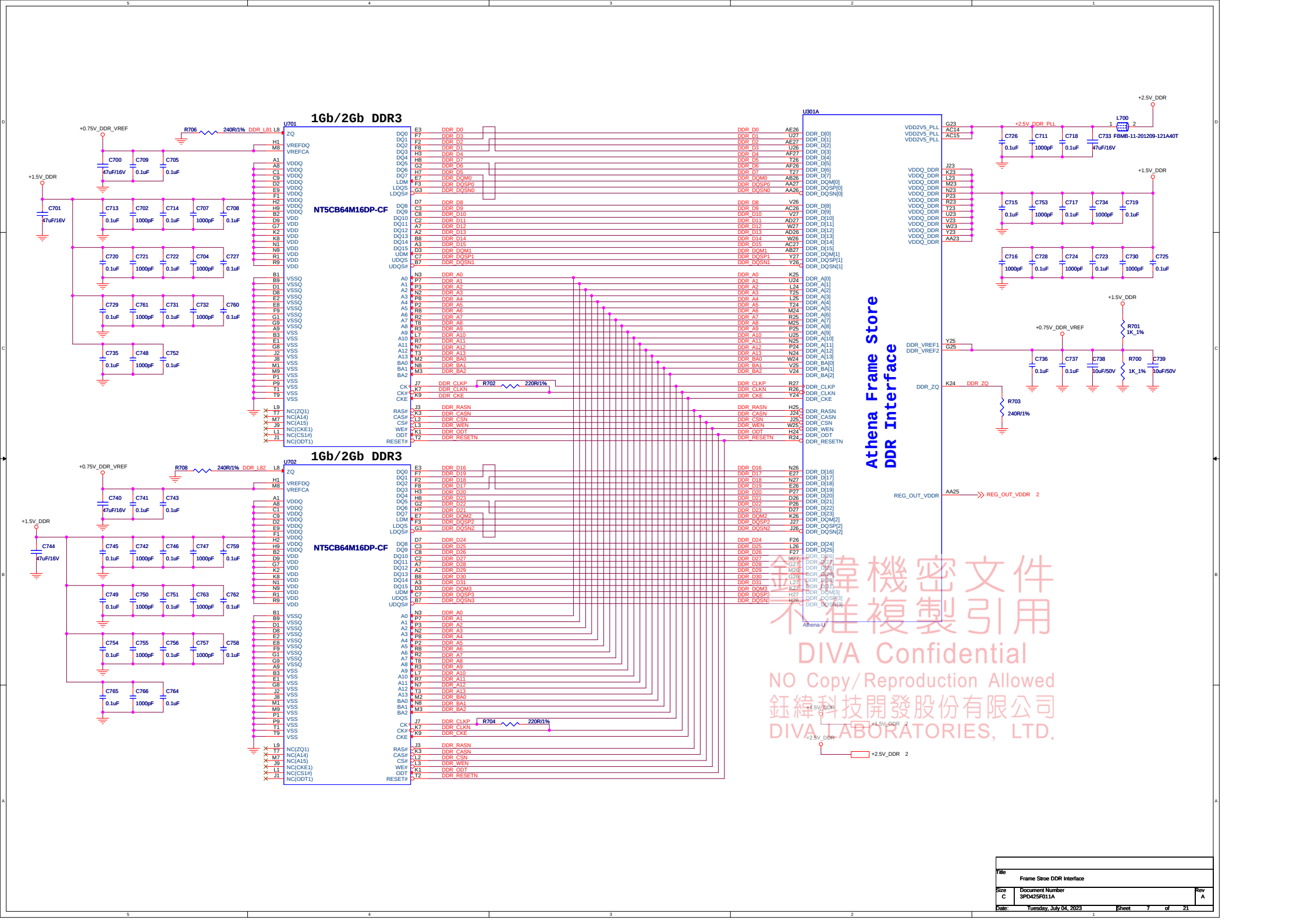






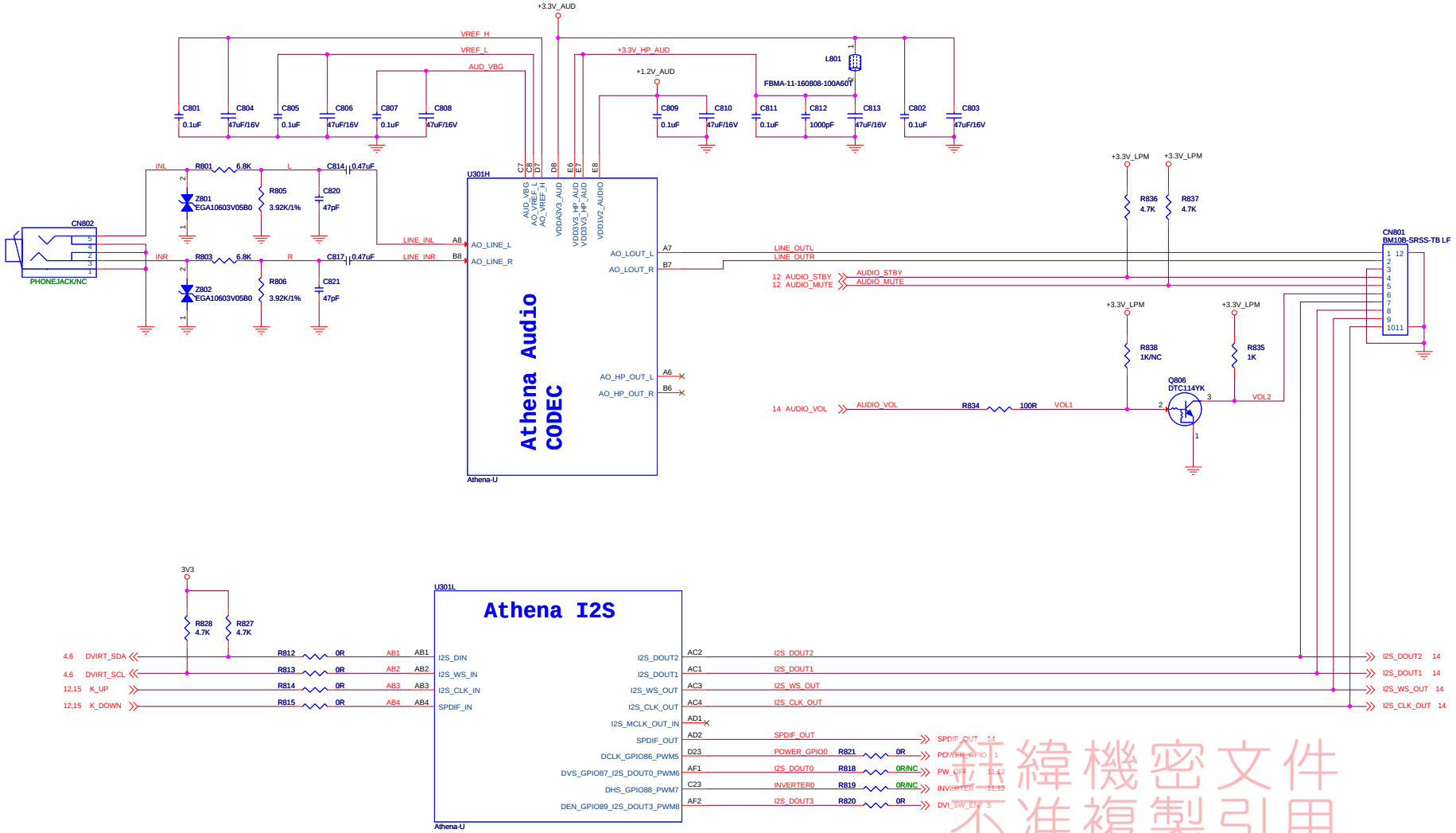
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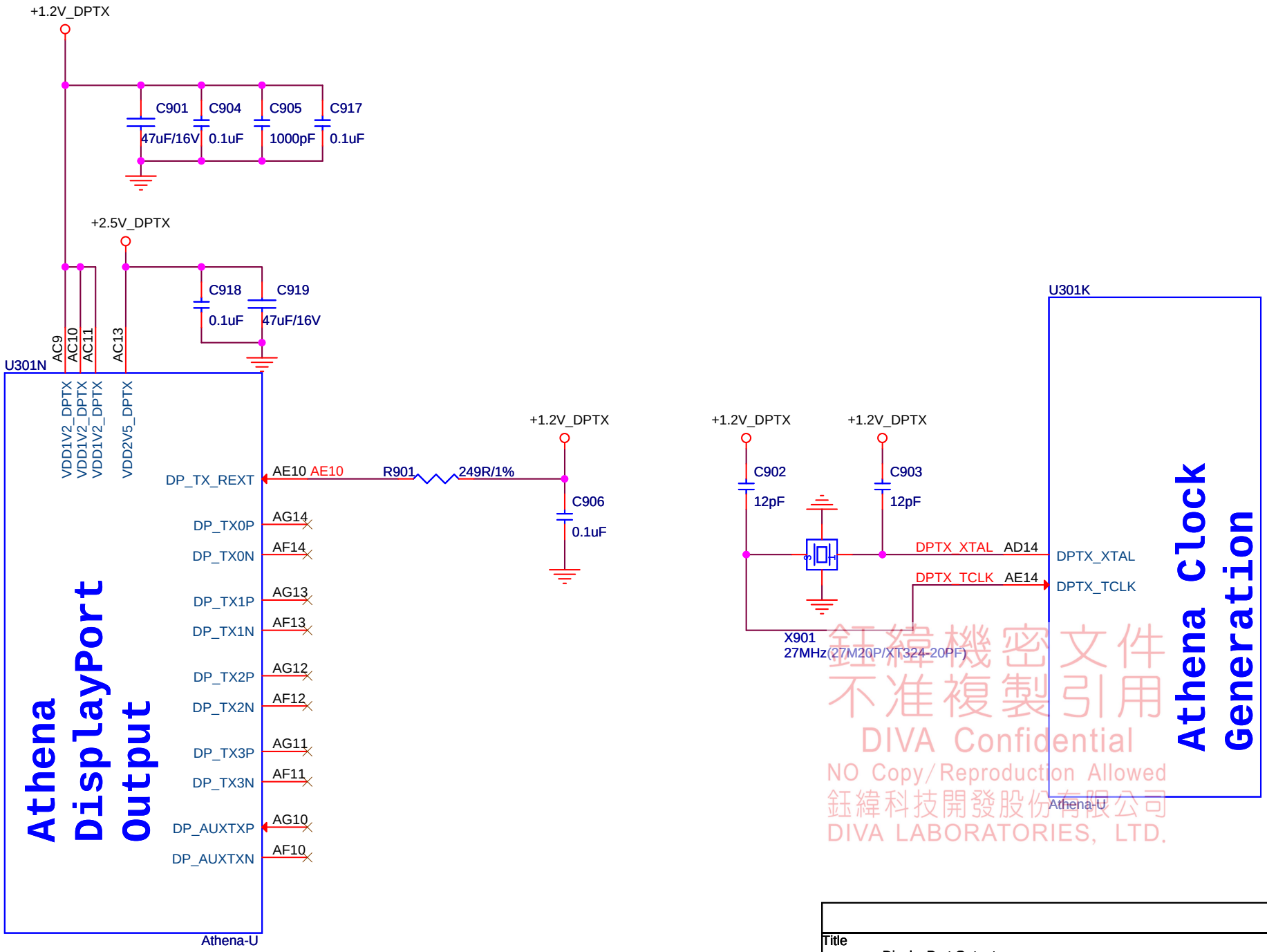
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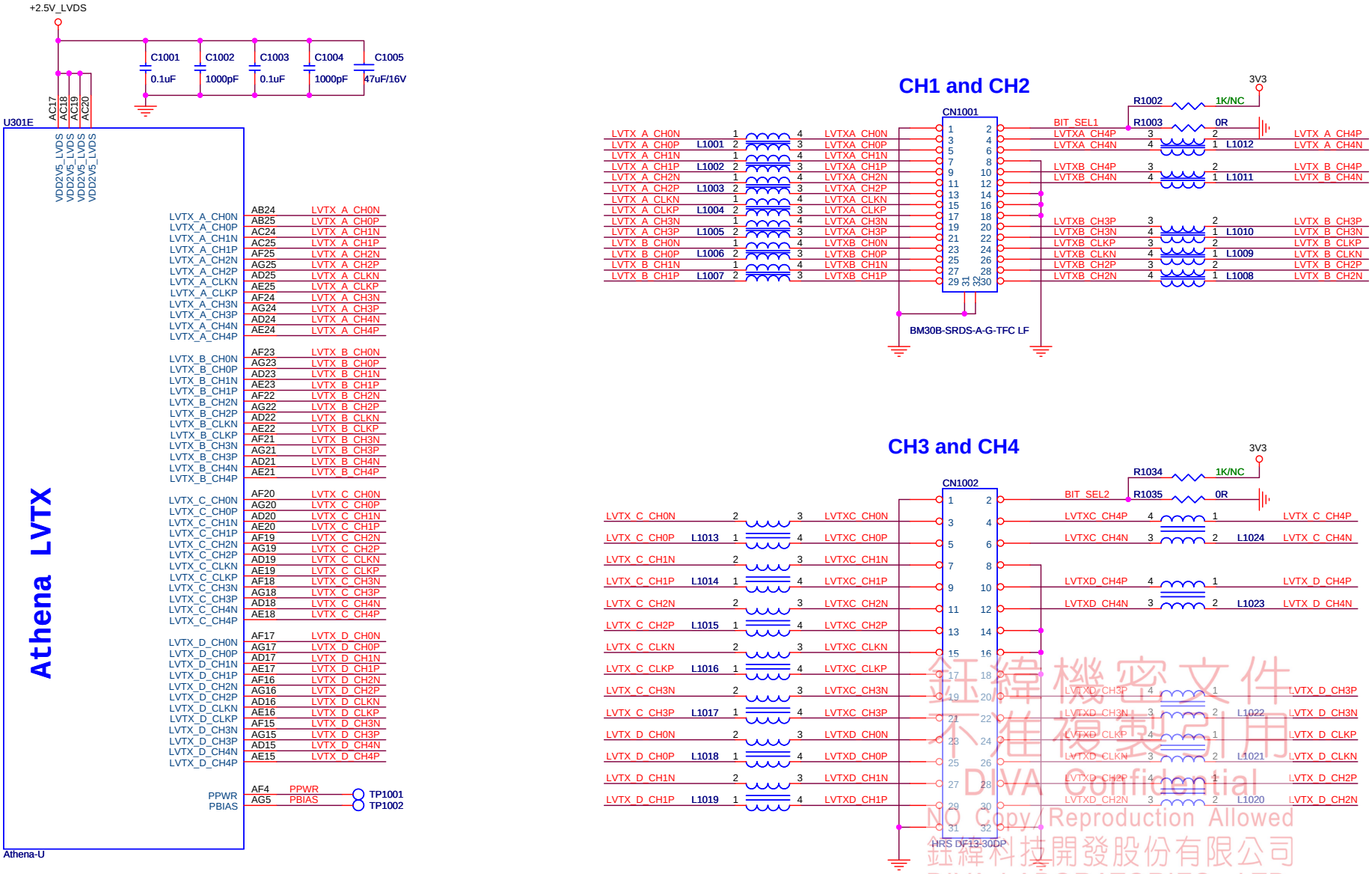
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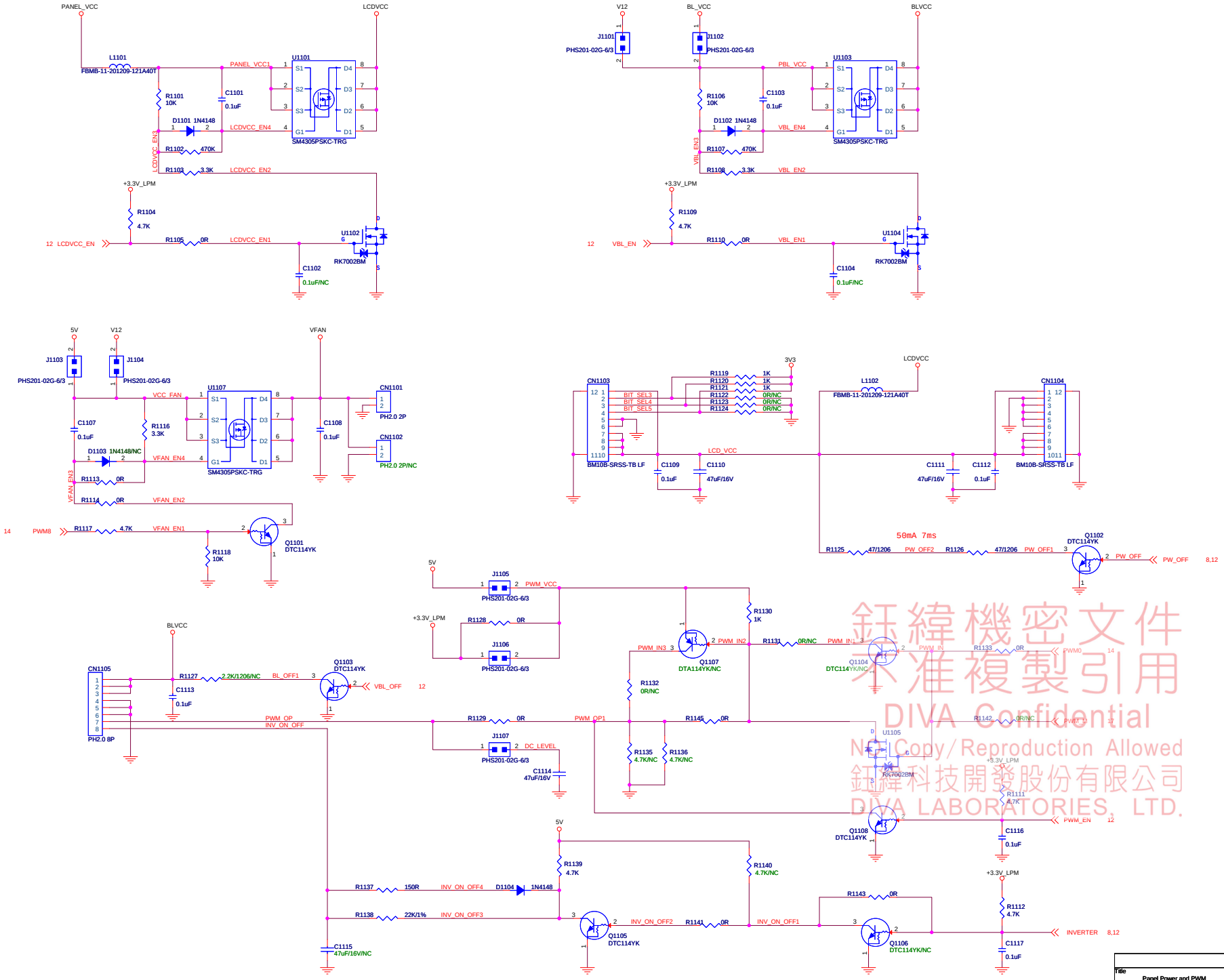
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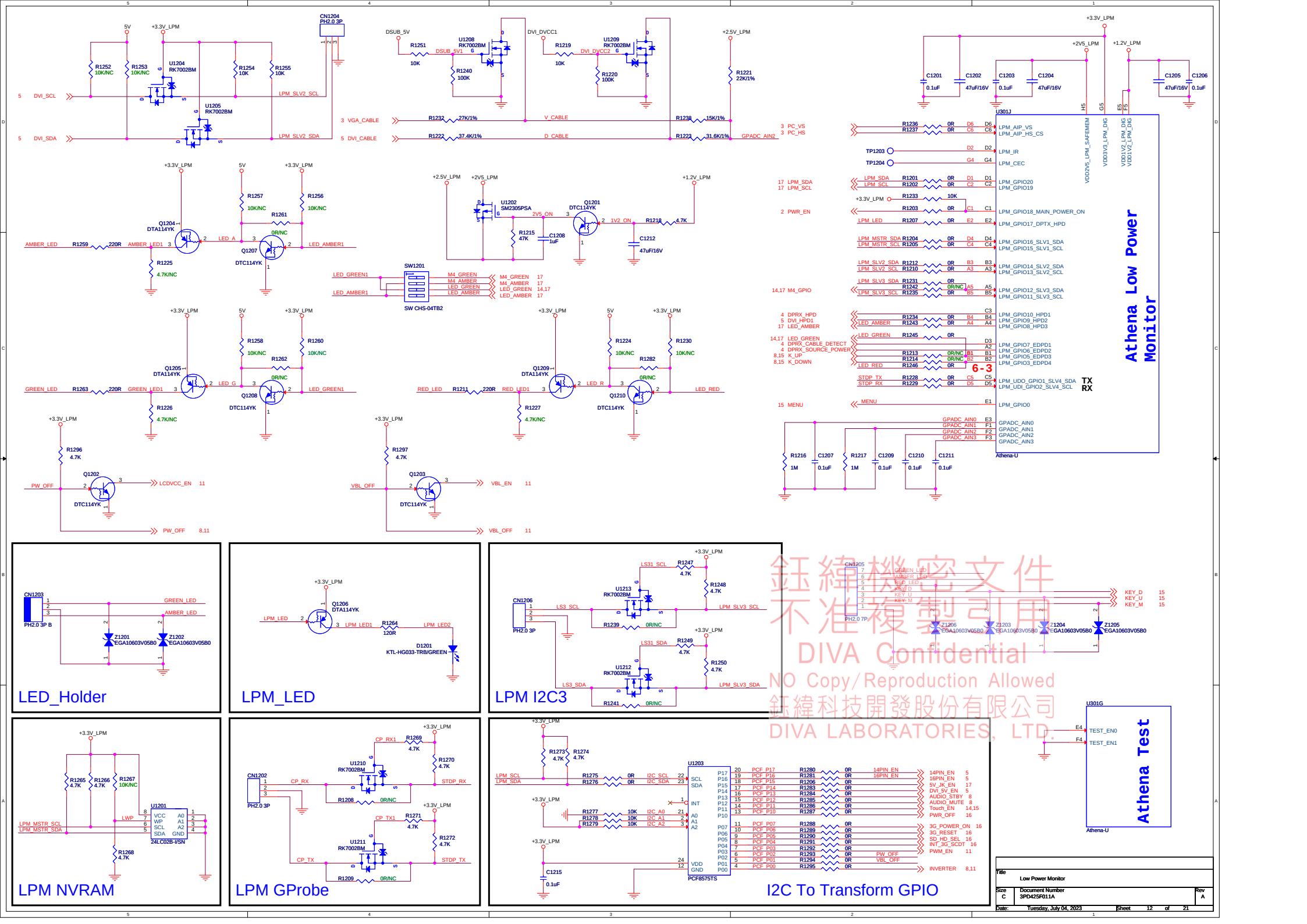
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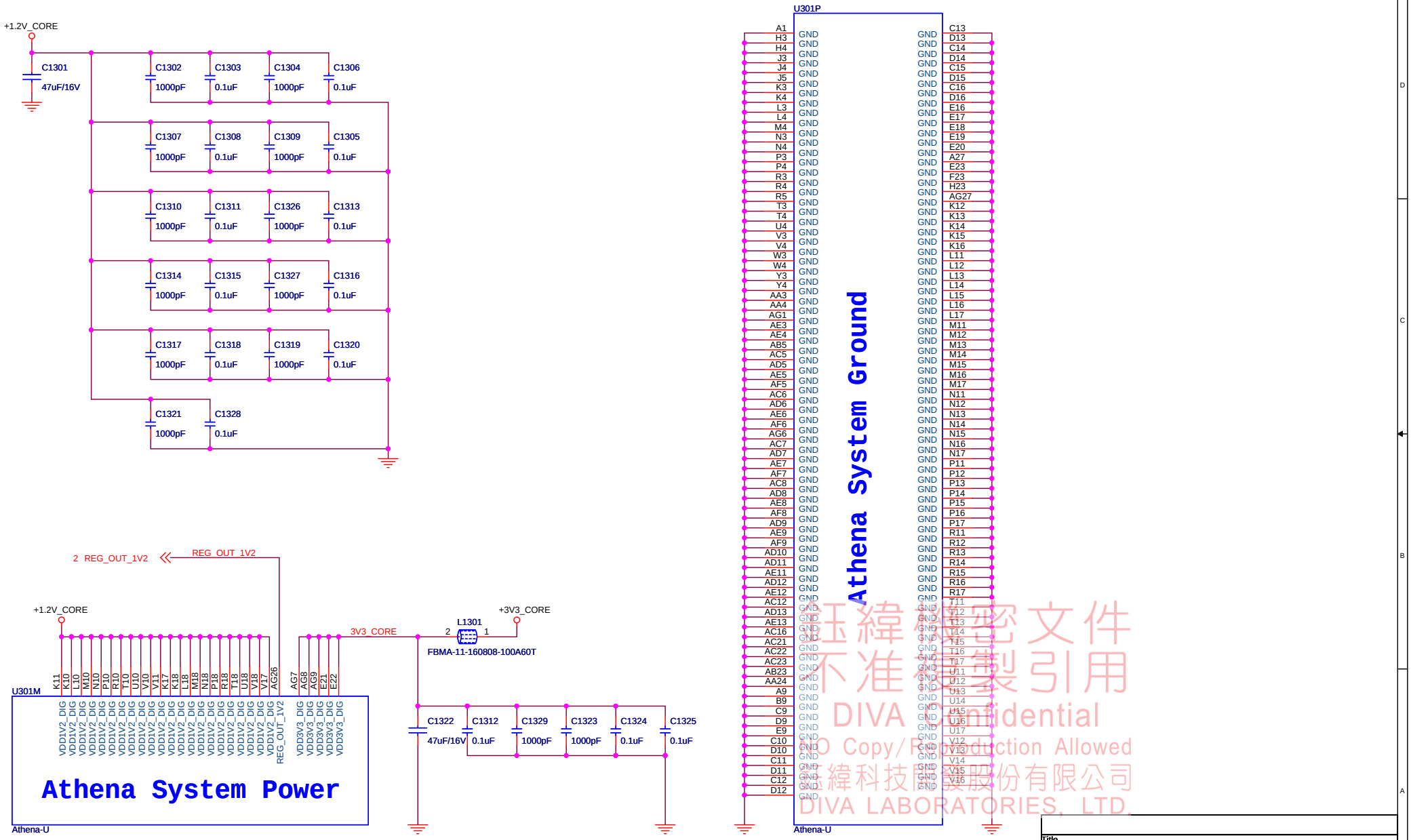
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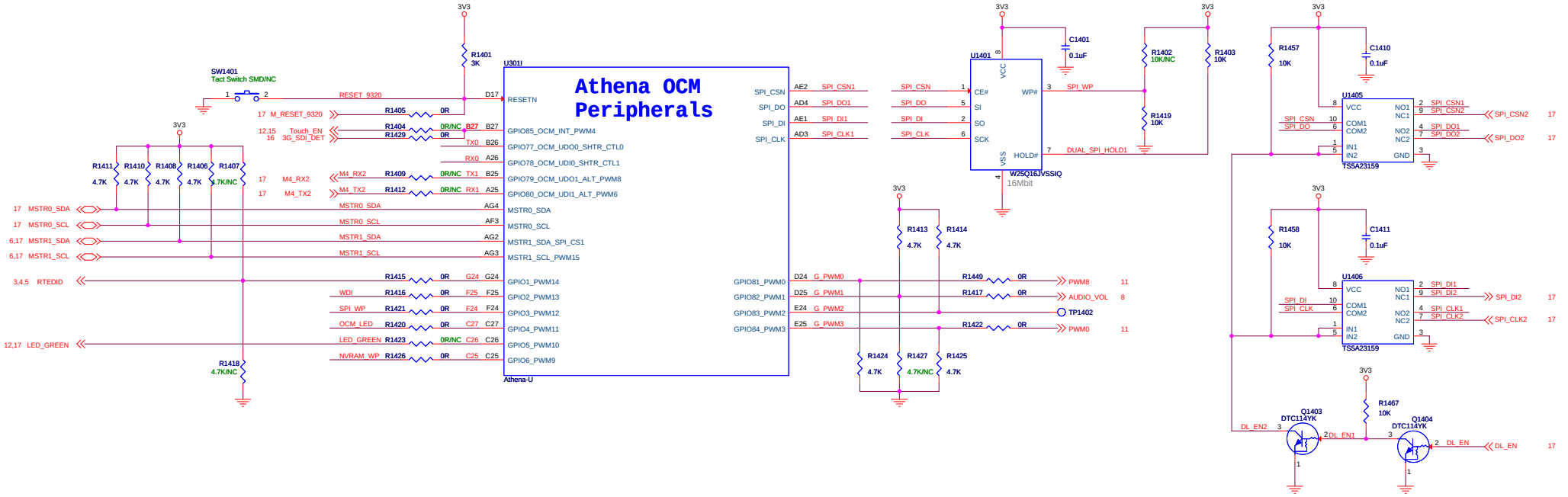
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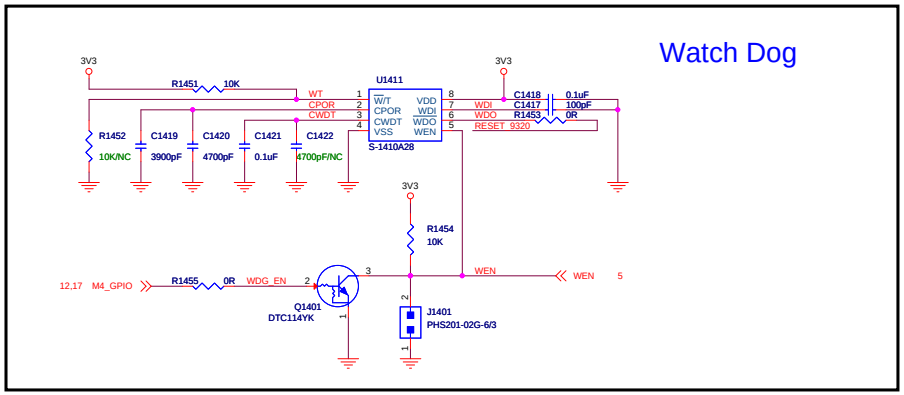

CN1204
PH2.0 3P
R1252 10K/NC
R1253 10K/NC
U1204 RK7002BM
R1254 10K
R1255 10K
U1205 RK7002BM
5 DVI_SCL
5 DVI_SDA
LPM_SLV2_SCL
LPM_SLV2_SDA
DSUB_5V
R1251 10K
U1208 RK7002BM
R1240 100K
DVI_DVCC1
R1219 10K
U1209 RK7002BM
R1220 100K
+2.5V_LPM
R1221 22K/1%
3 VGA_CABLE
R1232 27K/1%
V_CABLE
R1238 15K/1%
5 DVI_CABLE
R1222 37.4K/1%
D_CABLE
R1223 31.6K/1%
GPADC_AIN2
3 PC_VS
3 PC_HS
+3.3V_LPM
+2V5_LPM
+1.2V_LPM
C1201 0.1uF
C1202 47uF/16V
C1203 0.1uF
C1204 47uF/16V
C1205 47uF/16V
C1206 0.1uF
U301J
Athena Low Power Monitor
VDD2V5_LPM_SAFEMEM
VDD3V3_LPM_DIG
VDD1V2_LPM_DIG
VDD1V2_LPM_DIG
LPM_AIP_VS
LPM_AIP_HS_CS
LPM_IR
LPM_CEC
LPM_GPIO20
LPM_GPIO19
LPM_GPIO18_MAIN_POWER_ON
LPM_GPIO17_DPTX_HPD
LPM_GPIO16_SLV1_SDA
LPM_GPIO15_SLV1_SCL
LPM_GPIO14_SLV2_SDA
LPM_GPIO13_SLV2_SCL
LPM_GPIO12_SLV3_SDA
LPM_GPIO11_SLV3_SCL
LPM_GPIO10_HPD1
LPM_GPIO9_HPD2
LPM_GPIO8_HPD3
LPM_GPIO7_EDPD1
LPM_GPIO6_EDPD2
LPM_GPIO5_EDPD3
LPM_GPIO3_EDPD4
LPM_UDO_GPIO1_SLV4_SDA
LPM_UDI_GPIO2_SLV4_SCL
LPM_GPIO0
GPADC_AIN0
GPADC_AIN1
GPADC_AIN2
GPADC_AIN3
Athena-U
TX
RX
6-3
17 LPM_SDA
17 LPM_SCL
2 PWR_EN
14,17 M4_GPIO
4 DPRX_HPD
5 DVI_HPD1
17 LED_AMBER
14,17 LED_GREEN
4 DPRX_CABLE_DETECT
4 DPRX_SOURCE_POWER
8,15 K_UP
8,15 K_DOWN
15 MENU
TP1203
TP1204
R1216 1M
C1207 0.1uF
R1217 1M
C1209 0.1uF
C1210 0.1uF
C1211 0.1uF
Q1204 DTA114YK
R1257 10K/NC
R1256 10K/NC
R1261 0R/NC
AMBER_LED
R1259 220R
AMBER_LED1
LED_A
Q1207 DTC114YK
LED_AMBER1
R1225 4.7K/NC
U1202 SM2305PSA
2V5_ON
R1215 47K
C1208 1uF
Q1201 DTC114YK
1V2_ON
R1218 4.7K
C1212 47uF/16V
SW1201
SW CHS-04TB2
LED_GREEN1
LED_AMBER1
M4_GREEN
M4_AMBER
LED_GREEN
LED_AMBER
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R1258 10K/NC
R1260 10K/NC
R1262 0R/NC
GREEN_LED
R1263 220R
GREEN_LED1
LED_G
Q1208 DTC114YK
LED_GREEN1
R1226 4.7K/NC
Q1209 DTA114YK
R1224 10K/NC
R1230 10K/NC
R1282 0R/NC
RED_LED
R1211 220R
RED_LED1
LED_R
Q1210 DTC114YK
LED_RED
R1227 4.7K/NC
R1296 4.7K
PW_OFF
Q1202 DTC114YK
LCDVCC_EN 11
PW_OFF 8,11
R1297 4.7K
VBL_OFF
Q1203 DTC114YK
VBL_EN 11
VBL_OFF 11
LED_Holder
CN1203
PH2.0 3P B
GREEN_LED
AMBER_LED
Z1201 EGA10603V05B0
Z1202 EGA10603V05B0
LPM_LED
Q1206 DTA114YK
LPM_LED1
R1264 120R
LPM_LED2
D1201 KTL-HG033-TRB/GREEN
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U1212 RK7002BM
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R1248 4.7K
R1249 4.7K
R1250 4.7K
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R1241 0R/NC
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RED_LED
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KEY_U
KEY_M
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Z1204 EGA10603V05B0
Z1205 EGA10603V05B0
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R1266 4.7K
R1267 10K/NC
U1201
24LC02B-I/SN
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LPM_MSTR_SDA
LWP
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LPM GProbe
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CP_TX
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U1211 RK7002BM
R1269 4.7K
R1270 4.7K
R1271 4.7K
R1272 4.7K
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R1209 0R/NC
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CP_TX1
STDP_RX
STDP_TX
I2C To Transform GPIO
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R1274 4.7K
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LPM_SDA
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R1276 0R
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I2C_SDA
U1203
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R1278 10K
R1279 10K
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I2C_A1
I2C_A2
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PCF_P15
PCF_P14
PCF_P13
PCF_P12
PCF_P11
PCF_P10
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PCF_P02
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R1293
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16PIN_EN
5V_JK_EN
DVI_5V_EN
AUDIO_STBY
AUDIO_MUTE
Touch_EN
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3G_POWER_ON
3G_RESET
SD_HD_SEL
INT_3G_SCDT
PWM_EN
PW_OFF
VBL_OFF
INVERTER
U301G
Athena Test
TEST_EN0
TEST_EN1
Athena-U
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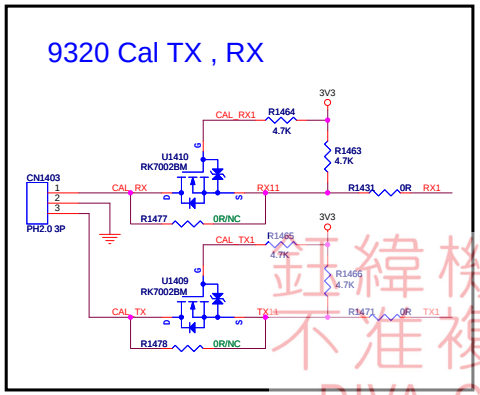


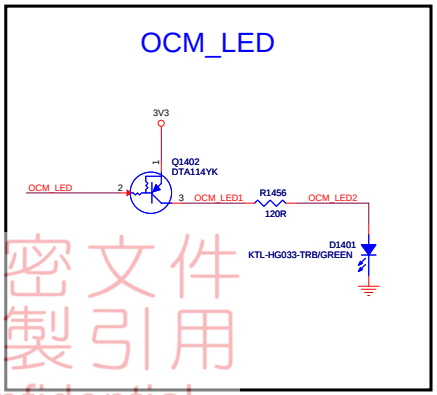
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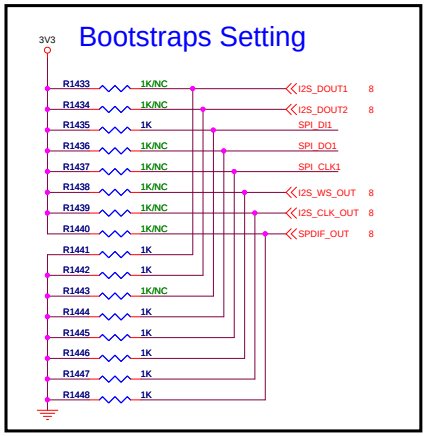
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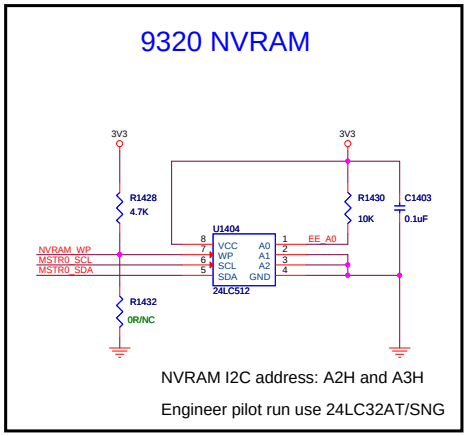


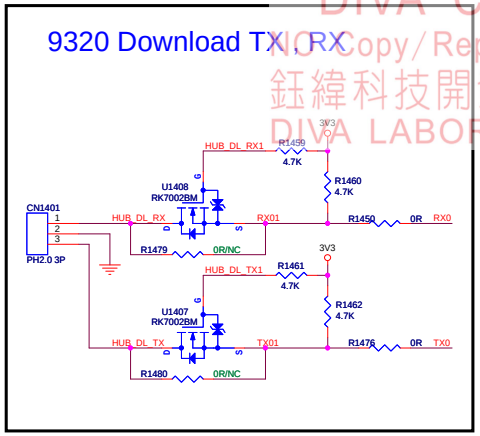






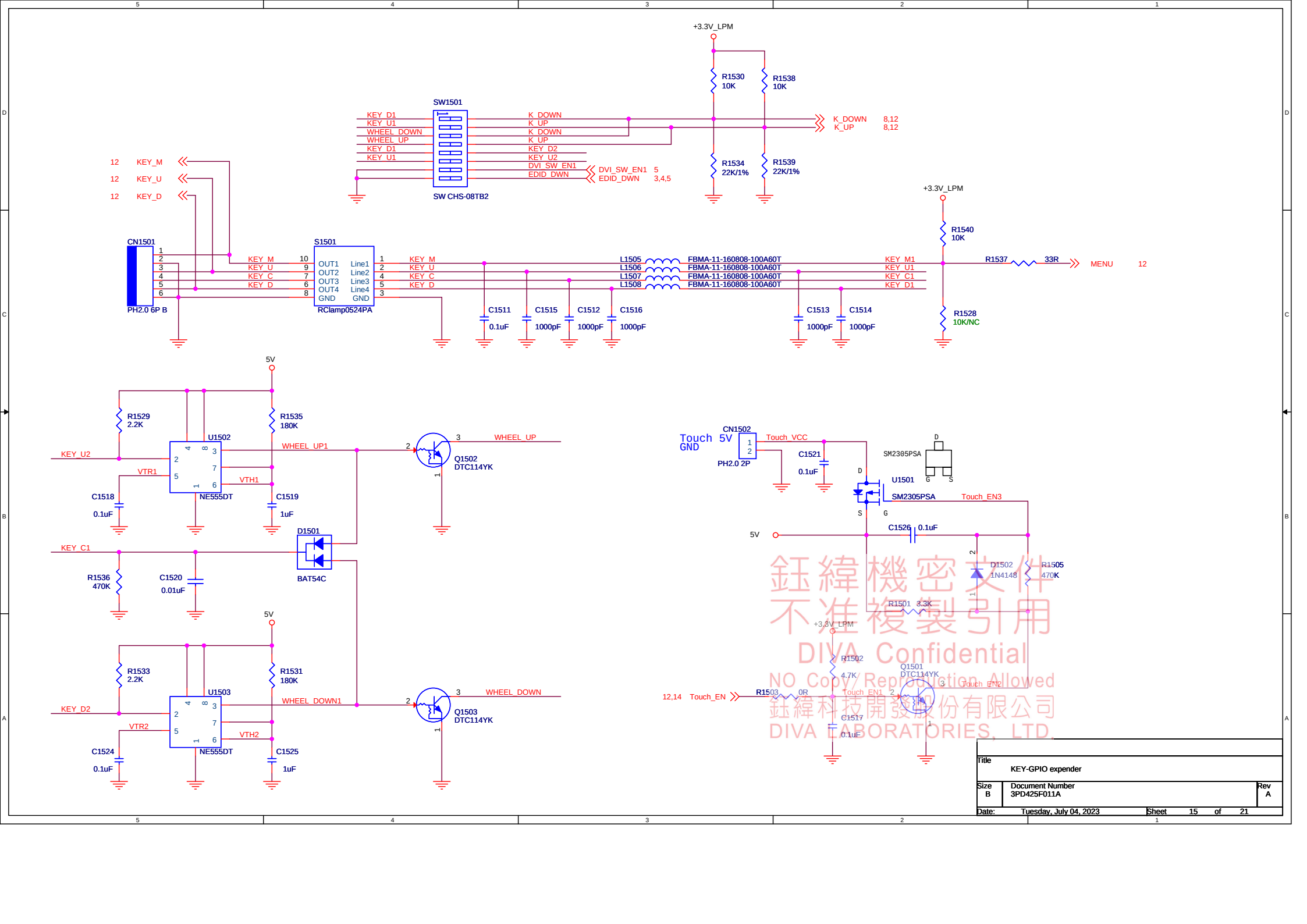






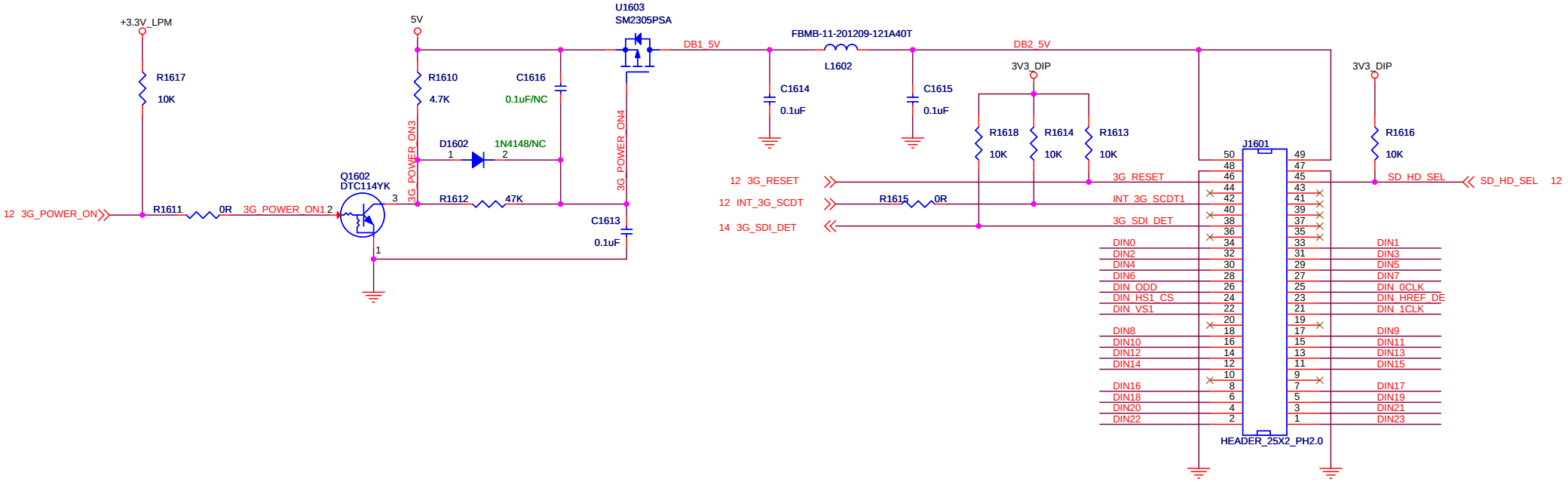
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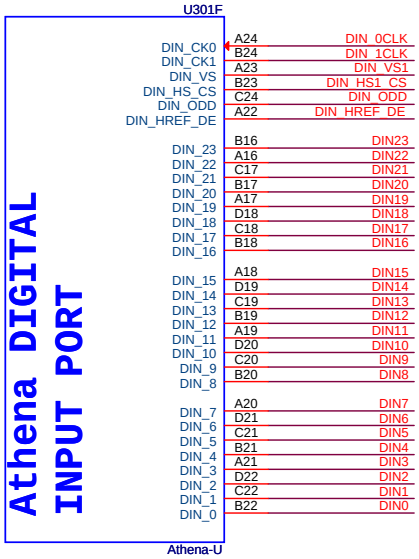
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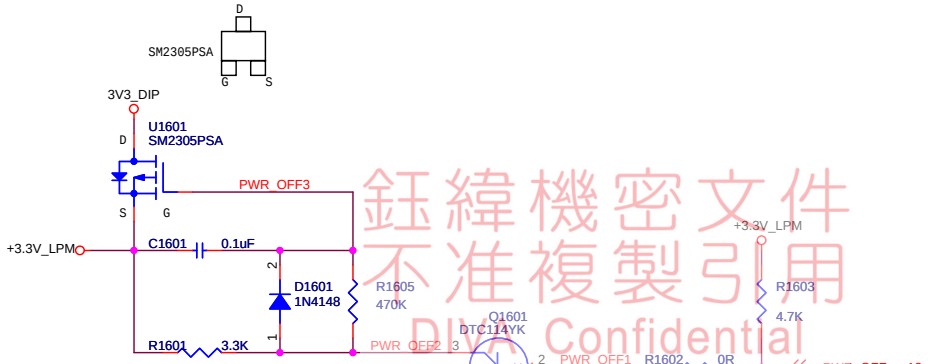


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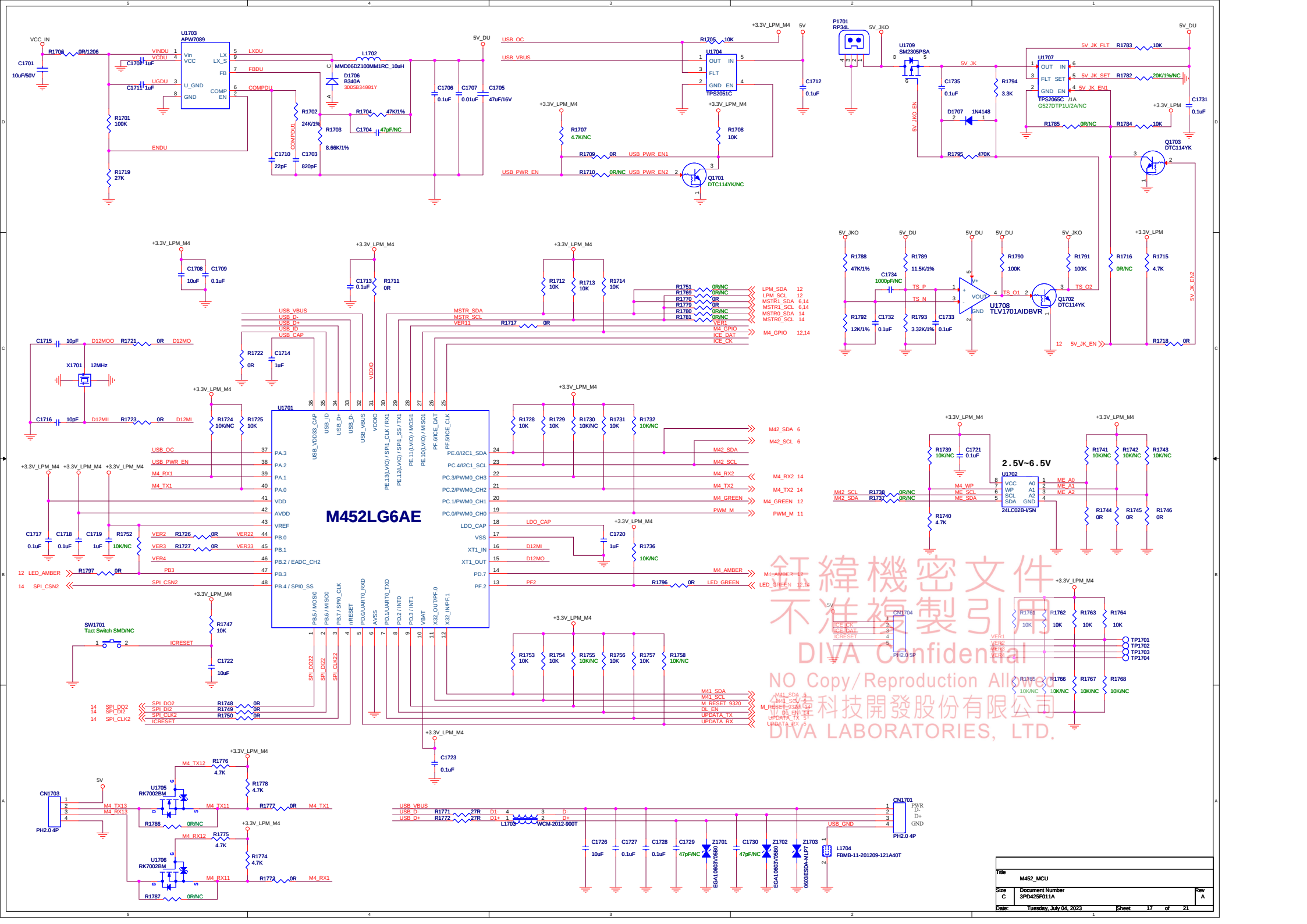






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