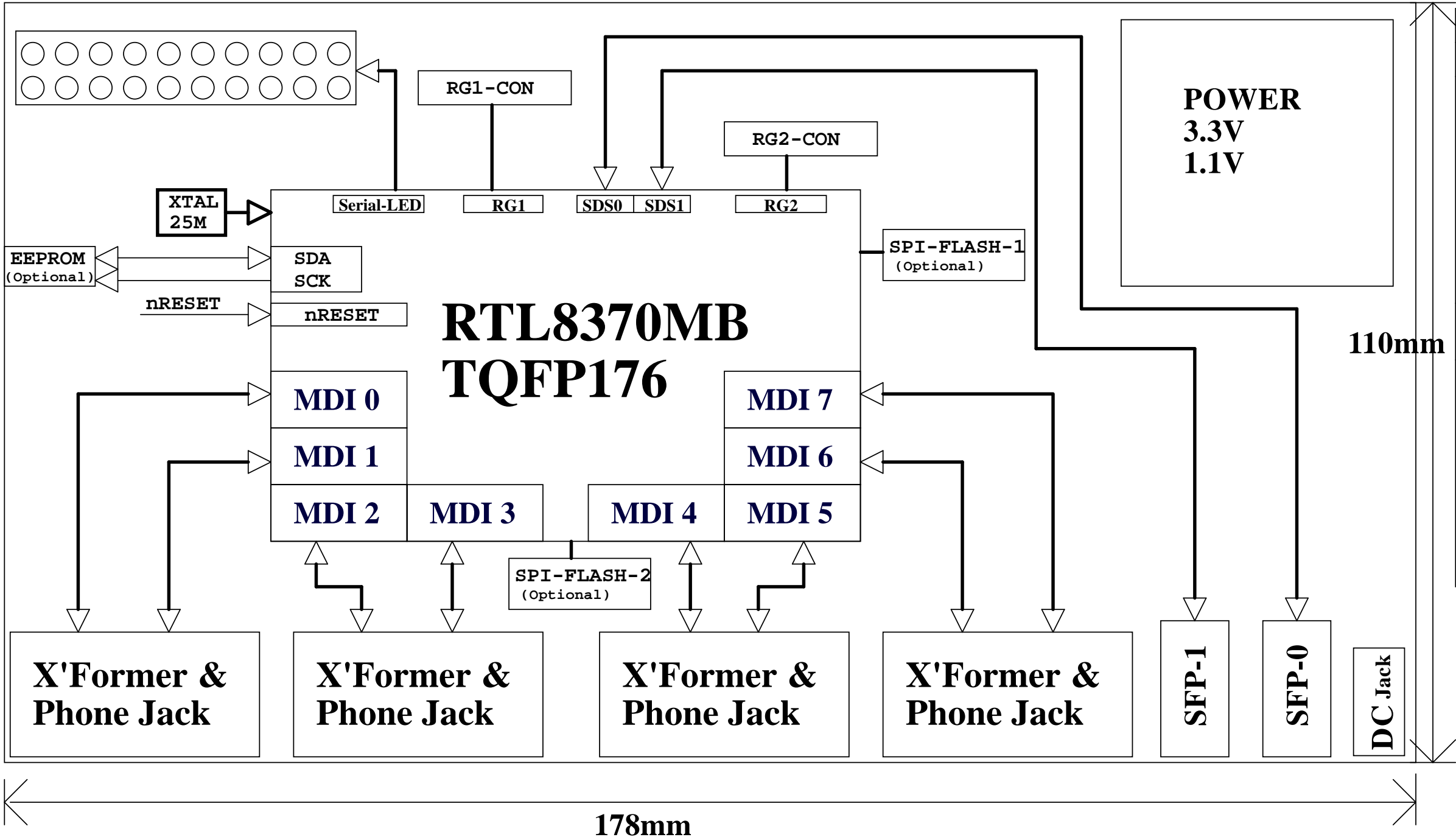
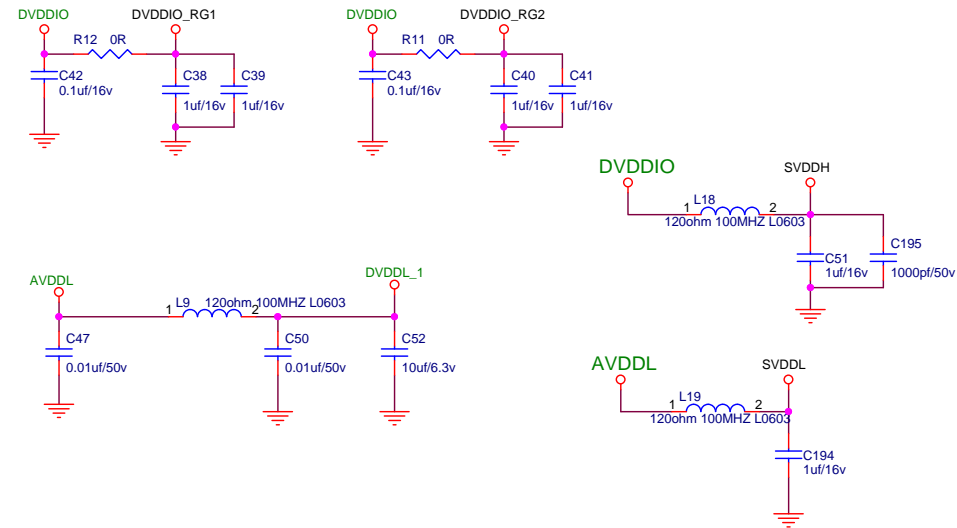
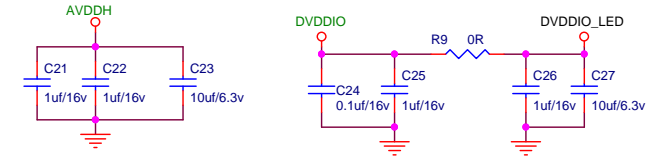
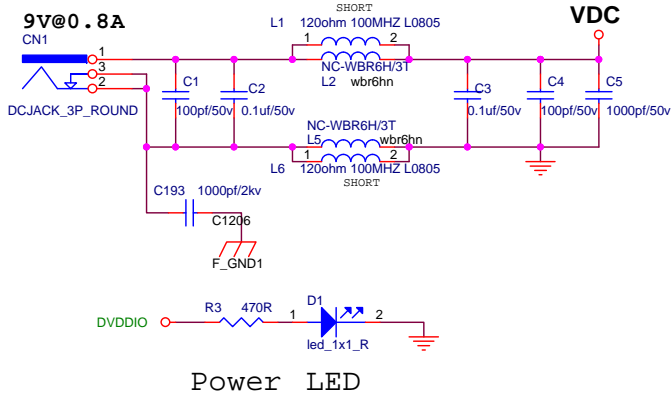


RTL8370MB (TQFP176) Demo-Board Block Diagram



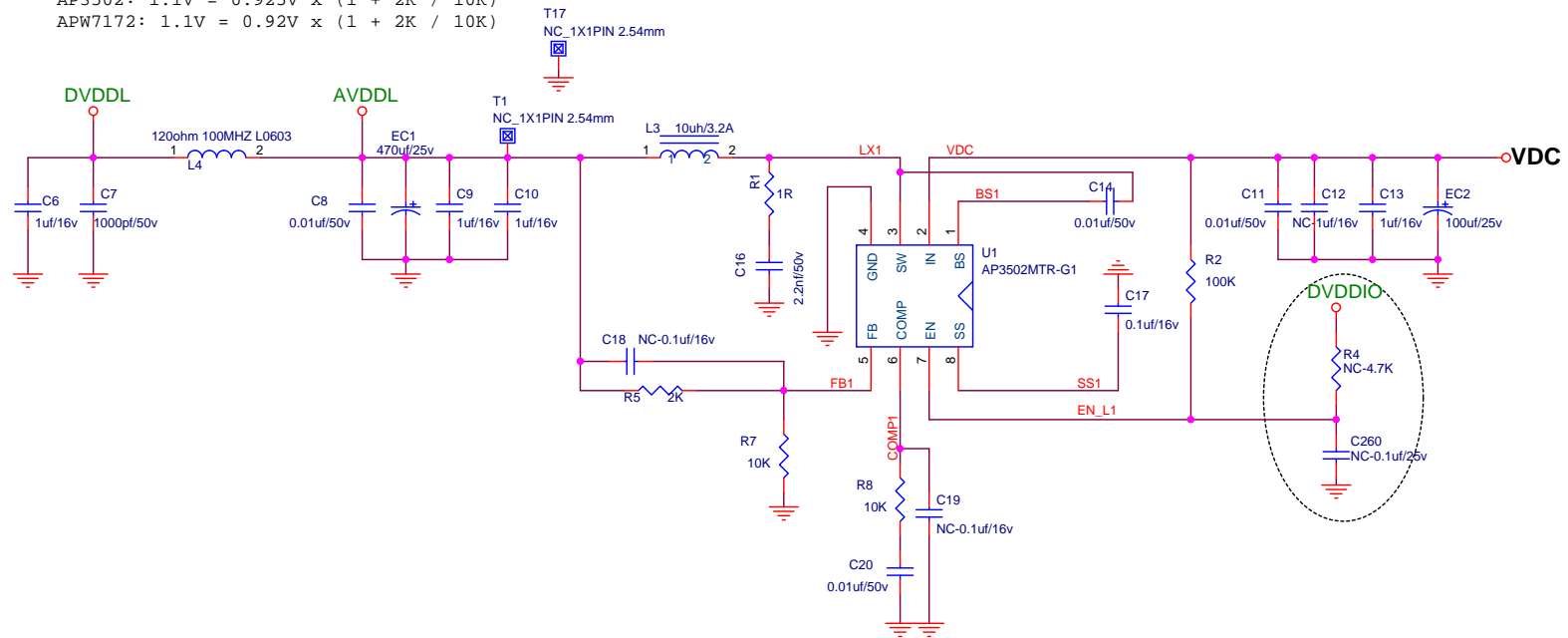
REVISION HISTORY		
Revision	Release Date	Summary
v1.0	2015/02/05	First Revision



**1.1v Max Load:~2A**

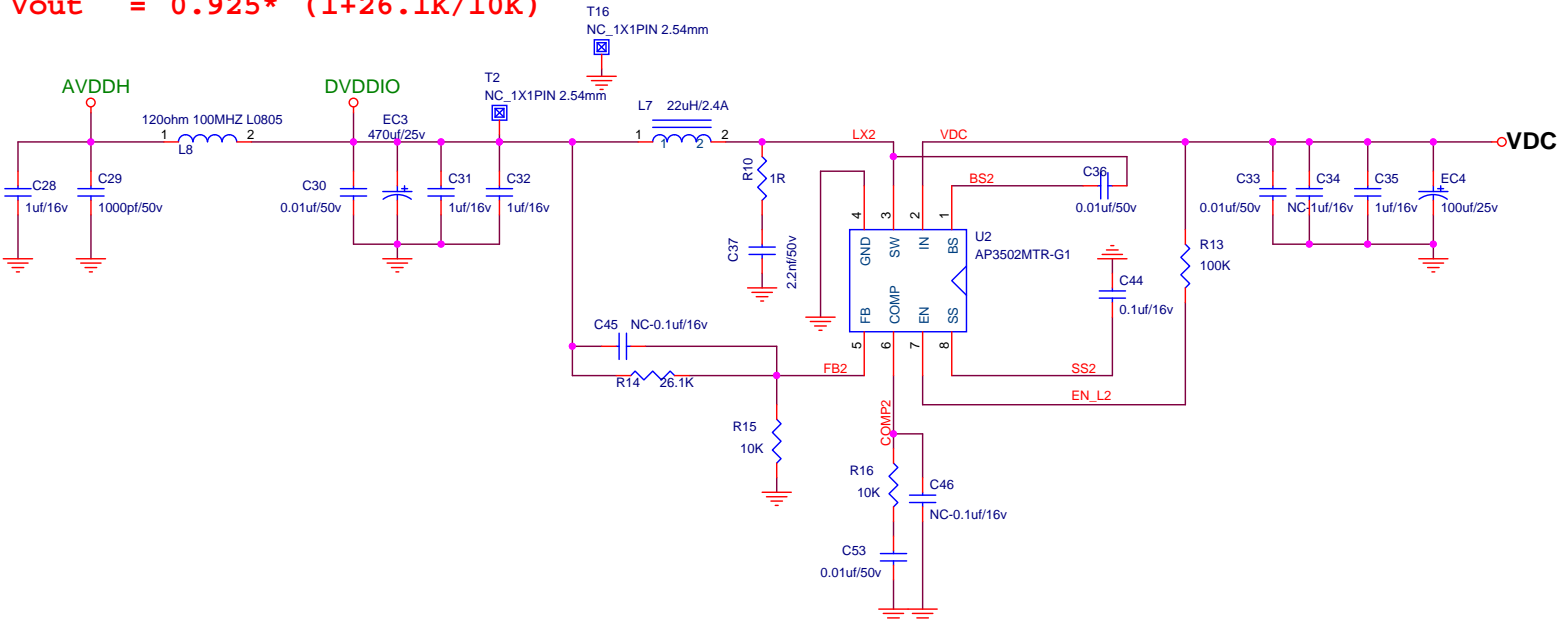
AP3502:  $1.1V = 0.925V \times (1 + 2K / 10K)$

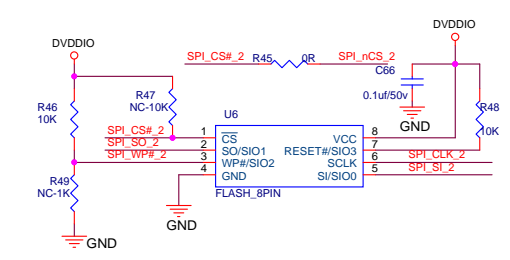
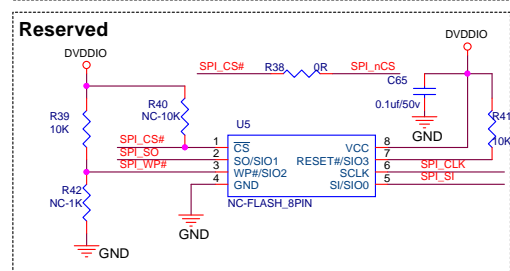
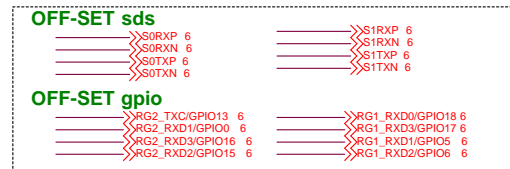
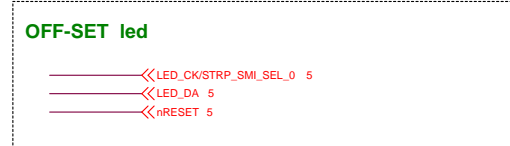
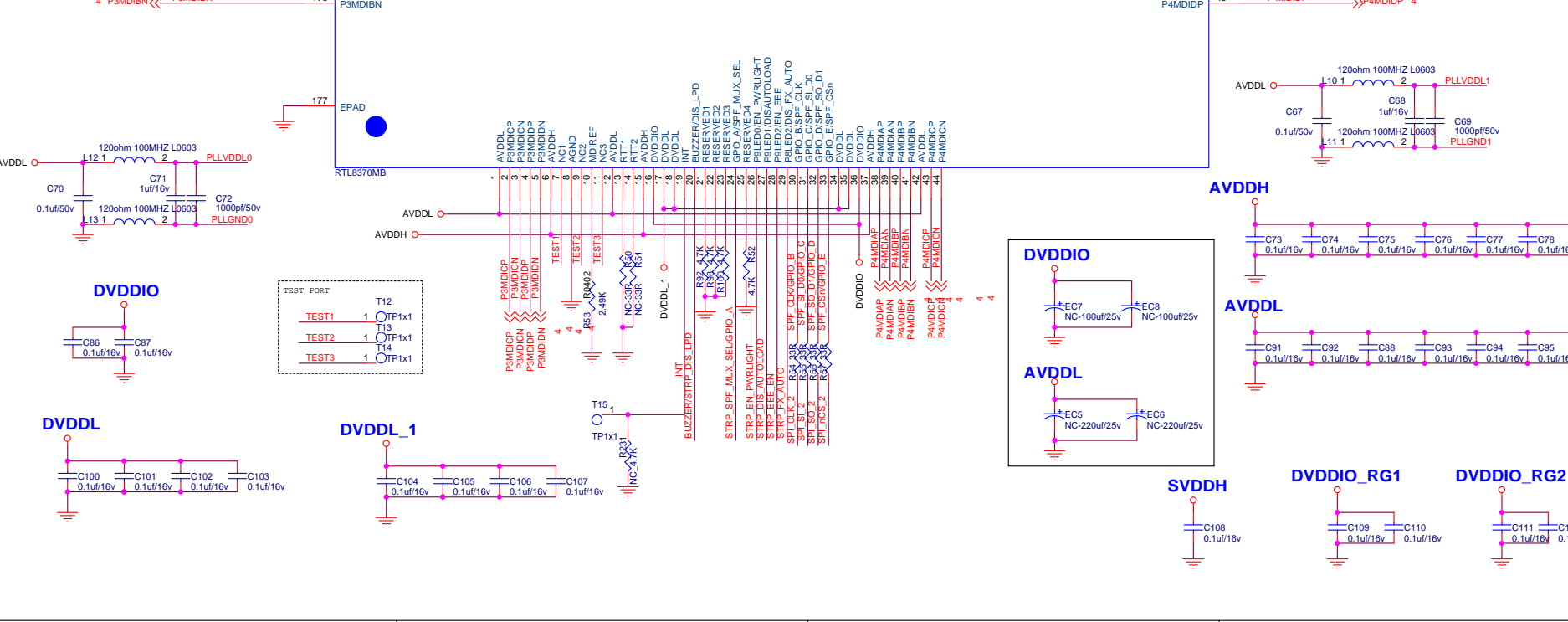
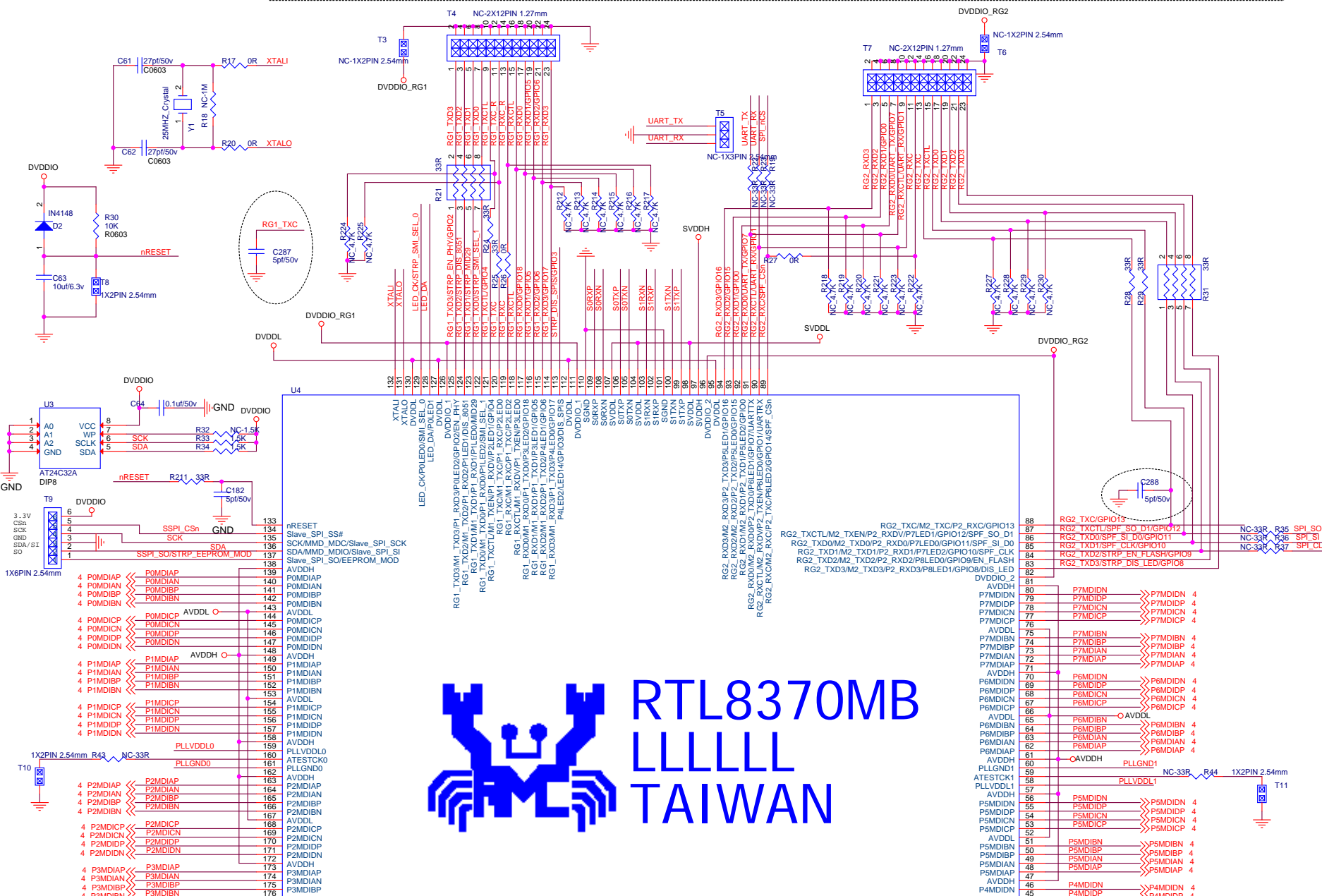
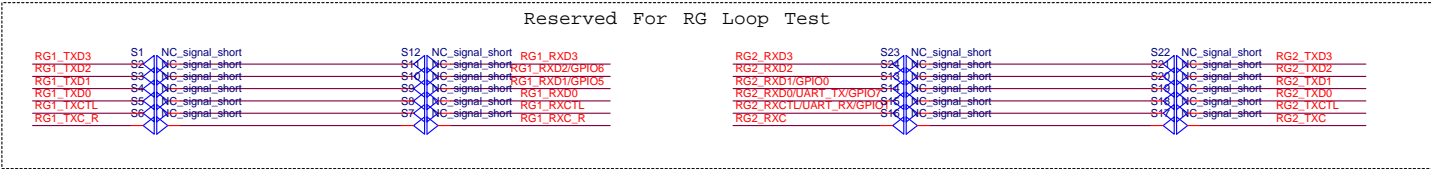
APW7172:  $1.1V = 0.92V \times (1 + 2K / 10K)$

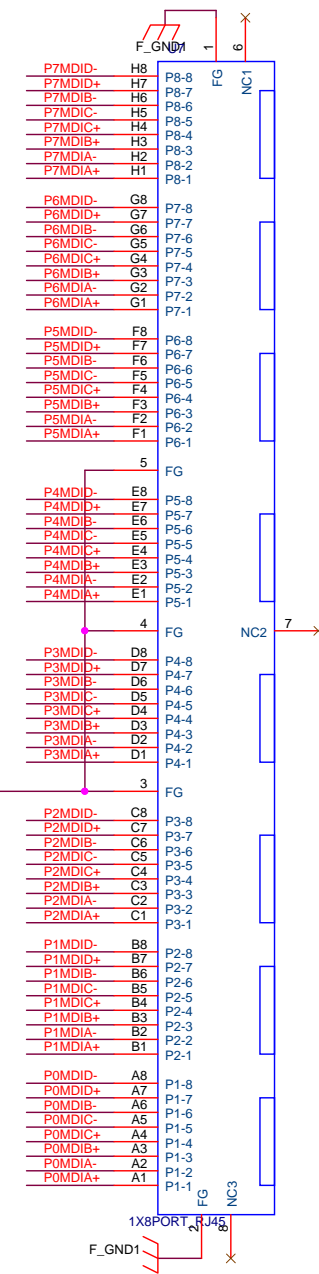
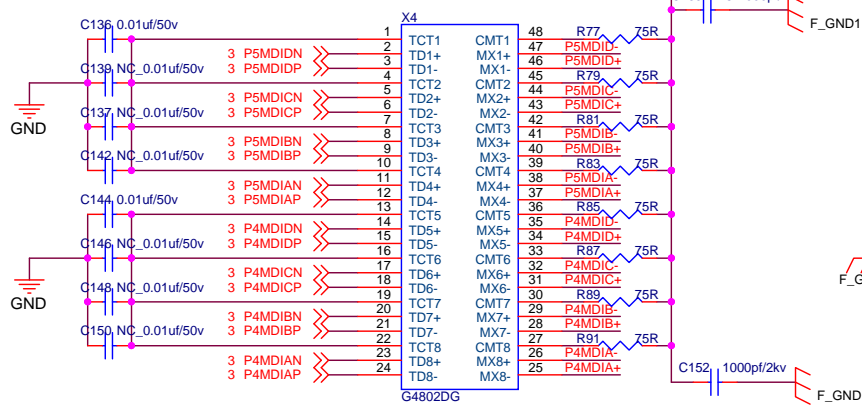
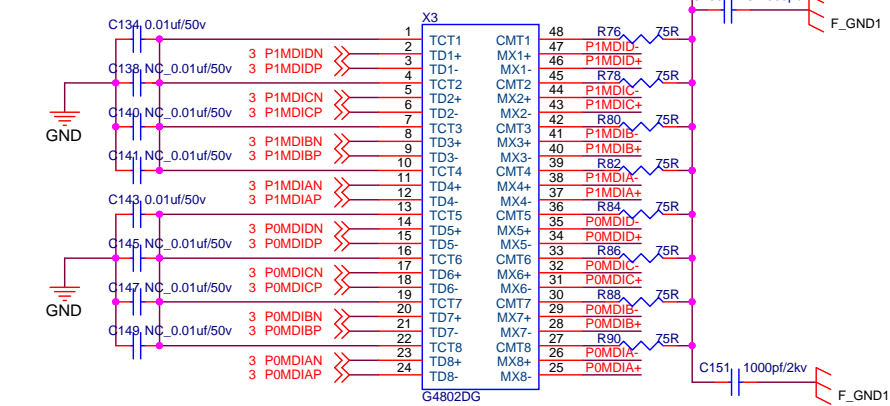
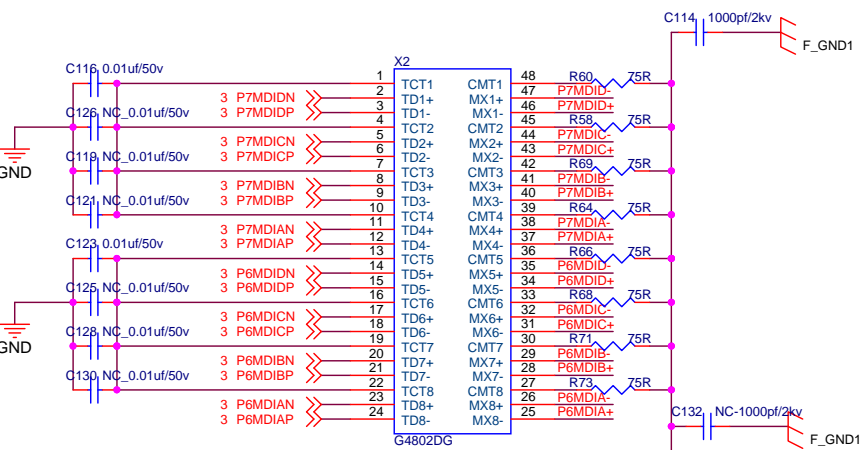
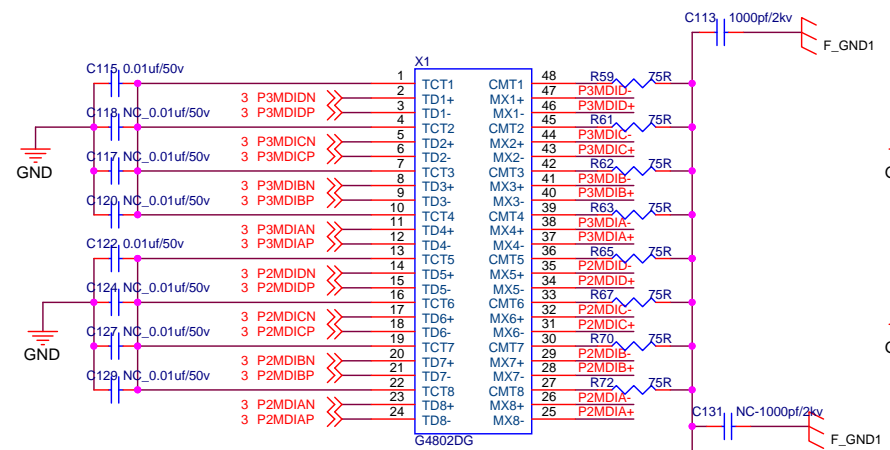


**3.3v Max Load:~1.5A**

**Vout = 0.925 \* (1+26.1K/10K)**



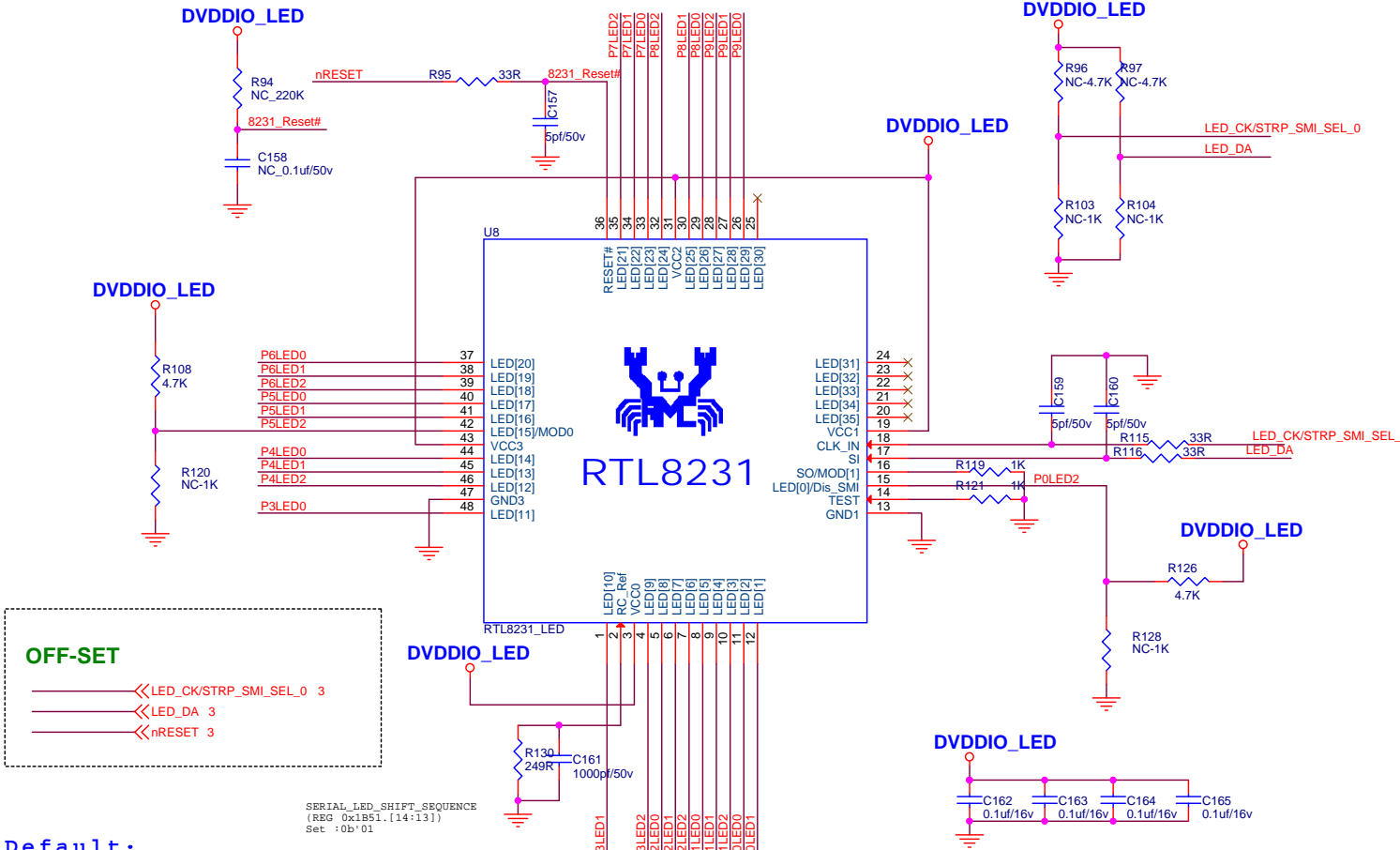




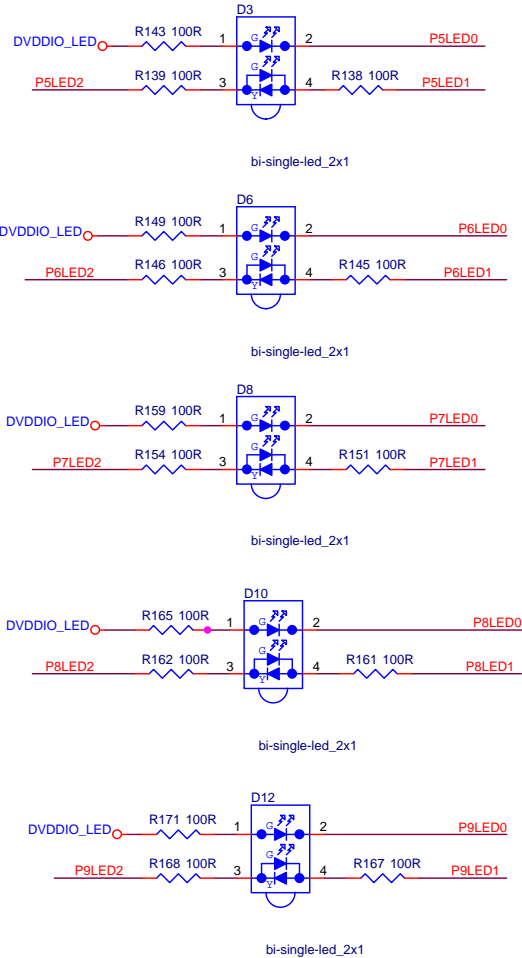
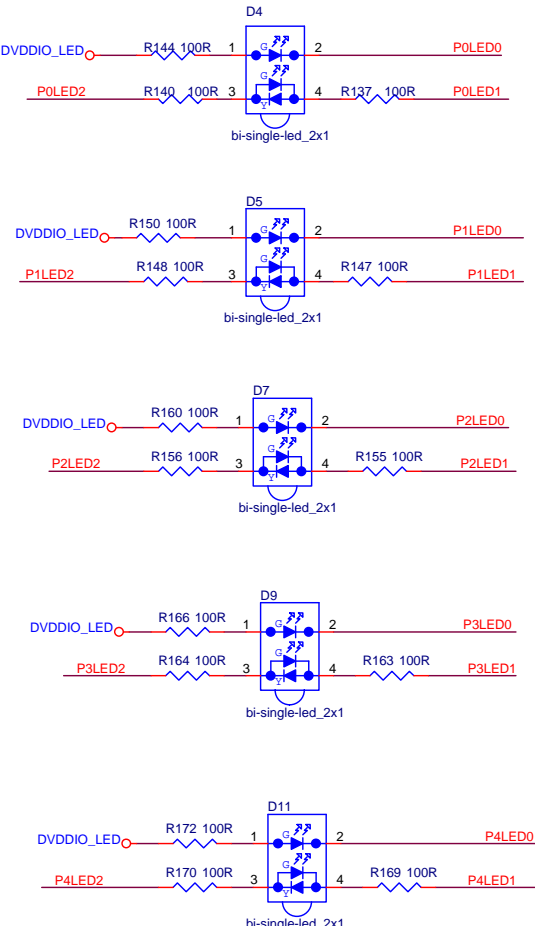
### Reserved For EMI/ESD TEST

P0MDIAP	C196	NC-15pf/50v	P1MDIAP	C209	NC-15pf/50v	P2MDIAP	C217	NC-15pf/50v	P3MDIAP	C225	NC-15pf/50v
P0MDIAN	C197	NC-15pf/50v	P1MDIAN	C211	NC-15pf/50v	P2MDIAN	C219	NC-15pf/50v	P3MDIAN	C227	NC-15pf/50v
P0MDIBP	C198	NC-15pf/50v	P1MDIBP	C204	NC-15pf/50v	P2MDIBP	C212	NC-15pf/50v	P3MDIBP	C220	NC-15pf/50v
P0MDIBN	C199	NC-15pf/50v	P1MDIBN	C206	NC-15pf/50v	P2MDIBN	C214	NC-15pf/50v	P3MDIBN	C222	NC-15pf/50v
P0MDICP	C200	NC-15pf/50v	P1MDICP	C205	NC-15pf/50v	P2MDICP	C213	NC-15pf/50v	P3MDICP	C221	NC-15pf/50v
P0MDICN	C201	NC-15pf/50v	P1MDICN	C208	NC-15pf/50v	P2MDICN	C216	NC-15pf/50v	P3MDICN	C224	NC-15pf/50v
P0MDIDP	C202	NC-15pf/50v	P1MDIDP	C207	NC-15pf/50v	P2MDIDP	C215	NC-15pf/50v	P3MDIDP	C223	NC-15pf/50v
P0MDIDN	C203	NC-15pf/50v	P1MDIDN	C210	NC-15pf/50v	P2MDIDN	C218	NC-15pf/50v	P3MDIDN	C226	NC-15pf/50v
P4MDIDN	C233	NC-15pf/50v	P5MDIDN	C241	NC-15pf/50v	P6MDIDN	C249	NC-15pf/50v	P7MDIDN	C257	NC-15pf/50v
P4MDIDP	C234	NC-15pf/50v	P5MDIDP	C243	NC-15pf/50v	P6MDIDP	C251	NC-15pf/50v	P7MDIDP	C259	NC-15pf/50v
P4MDICN	C228	NC-15pf/50v	P5MDICN	C236	NC-15pf/50v	P6MDICN	C244	NC-15pf/50v	P7MDICN	C252	NC-15pf/50v
P4MDICP	C230	NC-15pf/50v	P5MDICP	C238	NC-15pf/50v	P6MDICP	C246	NC-15pf/50v	P7MDICP	C254	NC-15pf/50v
P4MDIBN	C229	NC-15pf/50v	P5MDIBN	C237	NC-15pf/50v	P6MDIBN	C245	NC-15pf/50v	P7MDIBN	C253	NC-15pf/50v
P4MDIBP	C232	NC-15pf/50v	P5MDIBP	C240	NC-15pf/50v	P6MDIBP	C248	NC-15pf/50v	P7MDIBP	C256	NC-15pf/50v
P4MDIAN	C231	NC-15pf/50v	P5MDIAN	C239	NC-15pf/50v	P6MDIAN	C247	NC-15pf/50v	P7MDIAN	C255	NC-15pf/50v
P4MDIAP	C234	NC-15pf/50v	P5MDIAP	C242	NC-15pf/50v	P6MDIAP	C250	NC-15pf/50v	P7MDIAP	C258	NC-15pf/50v

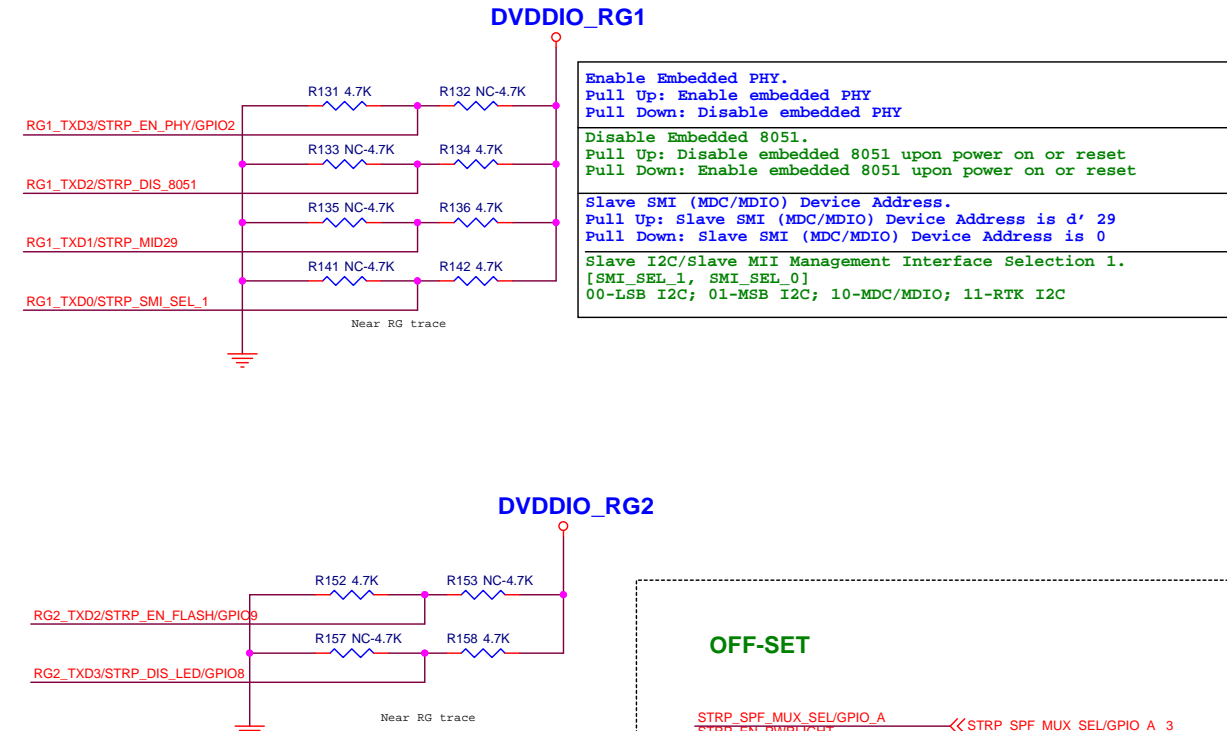
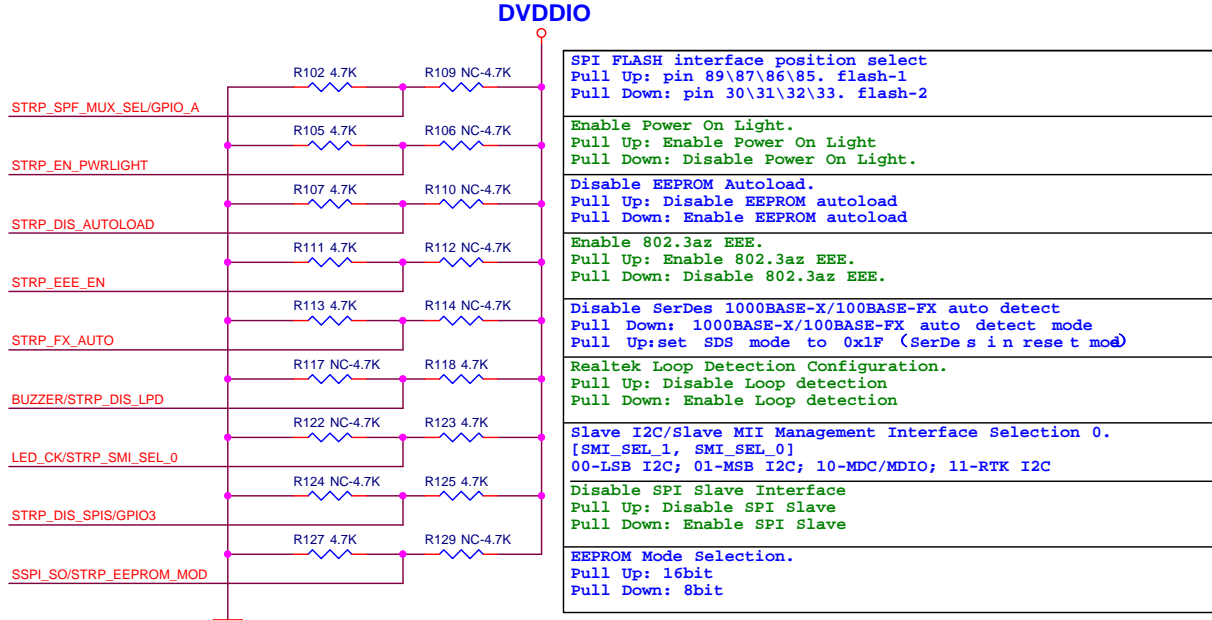
## Serial LED



```
Default:
Single: LINK/ACT
Green: 1000M_LINK
Yellow: 100M_LINK
```



## STRAPPING



Enable SPI FLASH Interface.  
Pull Up: Enable FLASH interface  
Pull Down: Disable FLASH interface

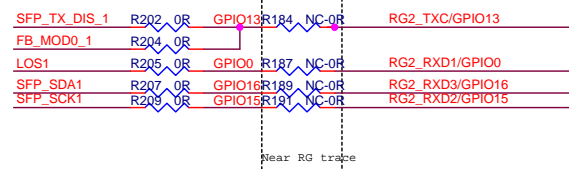
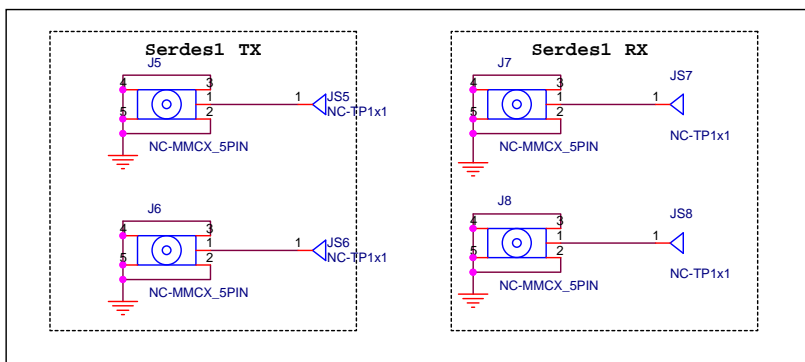
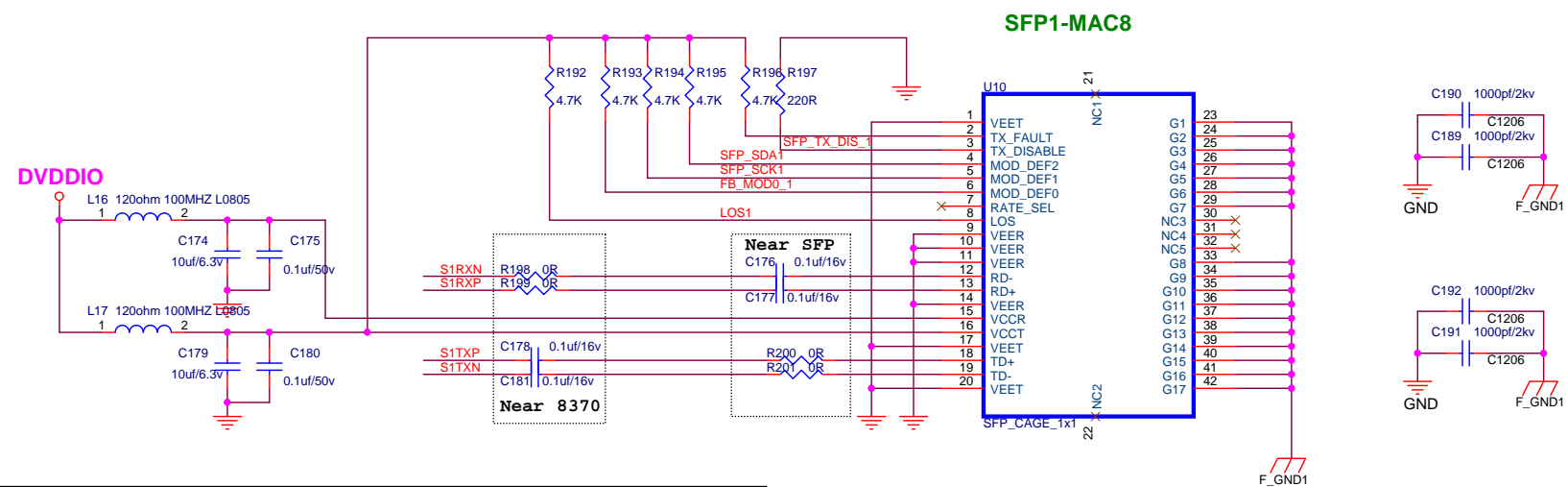
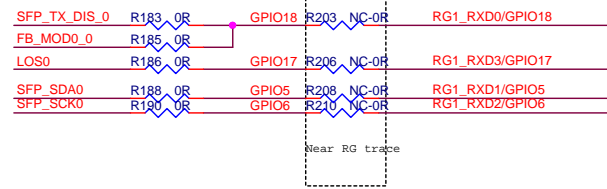
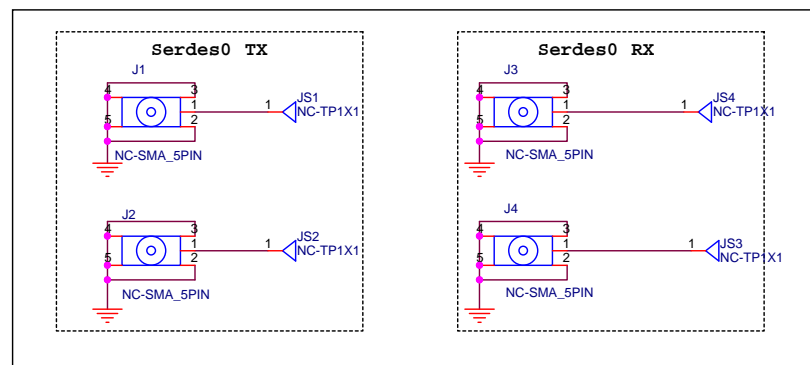
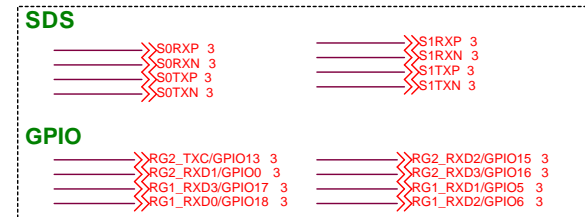
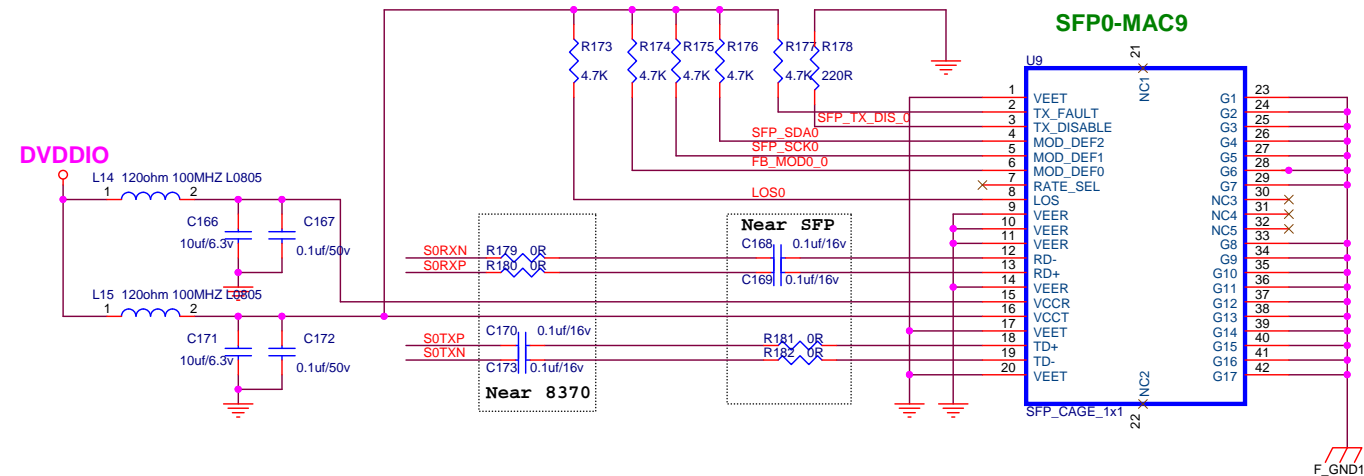
```
Disable/Enable LED function when power on.
Pull Down: Enable LED
Pull Up: Disable LED.
```

## OFF-SET

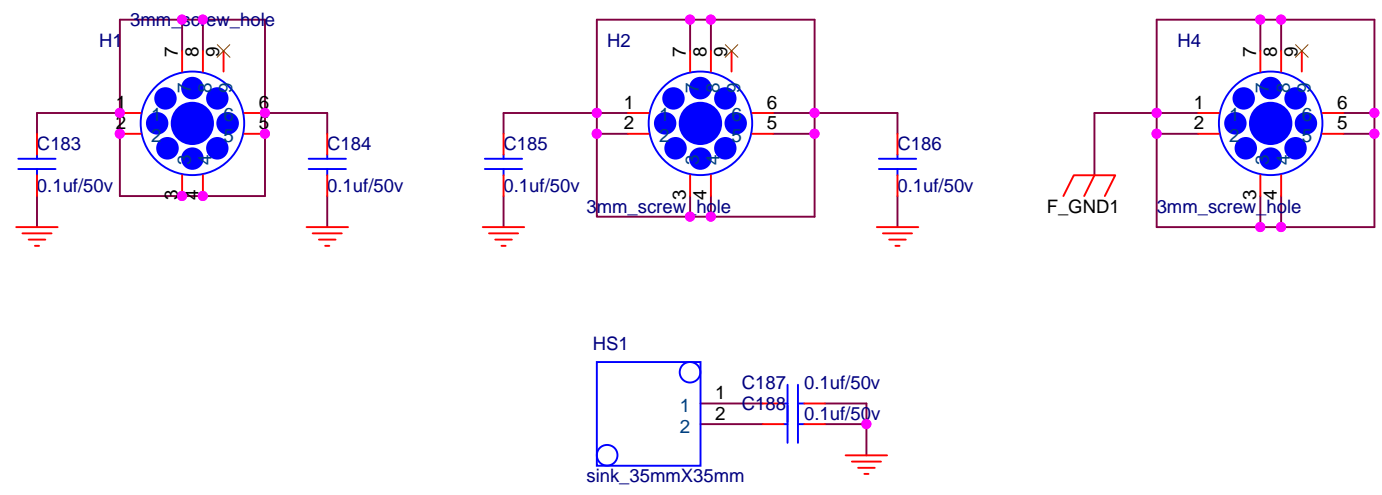
```
STRP_SPF_MUX_SEL/GPIO_A          <> STRP_SPF_MUX_SEL/GPIO_A_3
STRP_EN_PWRLIGHT                  <> STRP_EN_PWRLIGHT_3
STRP_DIS_AUTOLOAD                 <> STRP_DIS_AUTOLOAD_3
STRP_EEE_EN                       <> STRP_EEE_EN_3
STRP_FX_AUTO                      <> STRP_FX_AUTO_3
BUZZER/STRP_DIS_LPD               <> STRP_BUZZER/STRP_DIS_LPD_3
LED_CK/STRP_SMI_SEL_0            <> LED_CK/STRP_SMI_SEL_0_3
STRP_DIS_SPI/GPIO3                <> STRP_DIS_SPI/GPIO3_3
SSPI_SO/STRP_EEPROM_MOD          <> SSPI_SO/STRP_EEPROM_MOD_2
```

RG1_TXD3/STRP_EN_PHY/GPIO2	RG1_TXD3/STRP_EN_PHY/GPIO2	3
RG1_TXD2/STRP_DIS_8051	RG1_TXD2/STRP_DIS_8051	3
RG1_TXD1/STRP_MID29	RG1_TXD1/STRP_MID29	3
RG1_TXD0/STRP_SMI_SEL_1	RG1_TXD0/STRP_SMI_SEL_1	3
RG2_TXD2/STRP_EN_FLASH/GPIO9	RG2_TXD2/STRP_EN_FLASH/GPIO9	3
RG2_TXD3/STRP_DIS_LED/GPIO8	RG2_TXD3/STRP_DIS_LED/GPIO8	3





Mechanical



Reserved For EMI/ESD TEST

