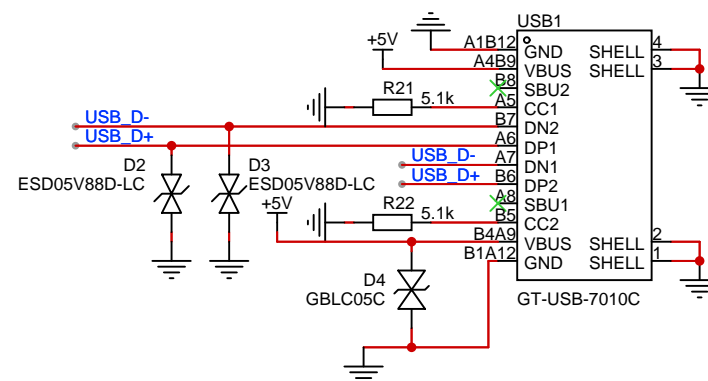
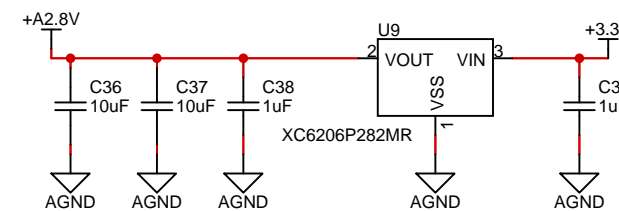
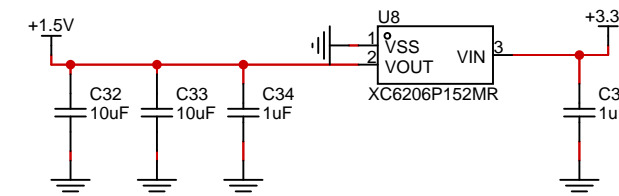
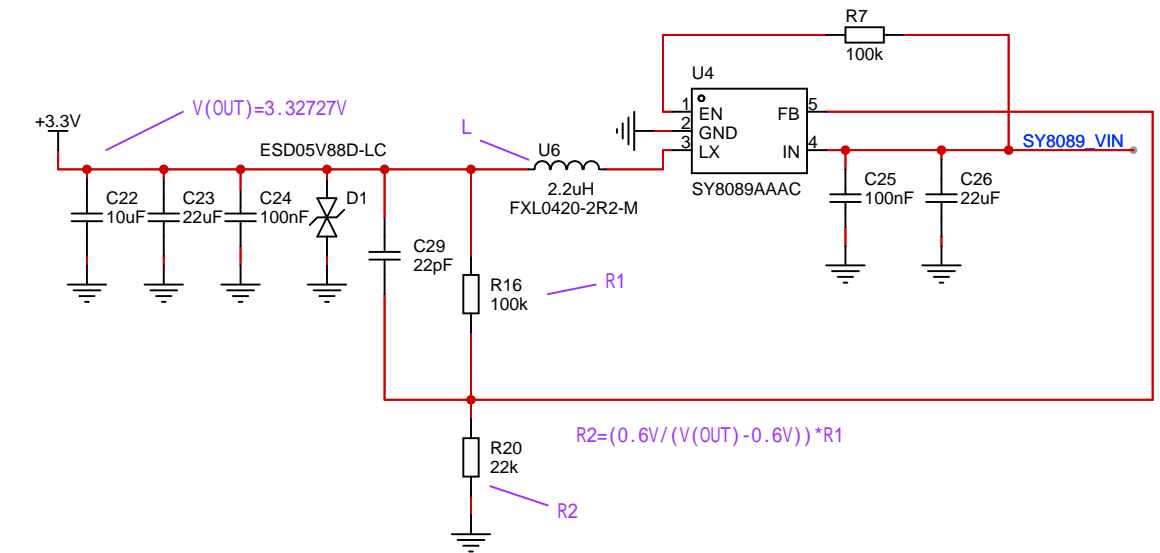
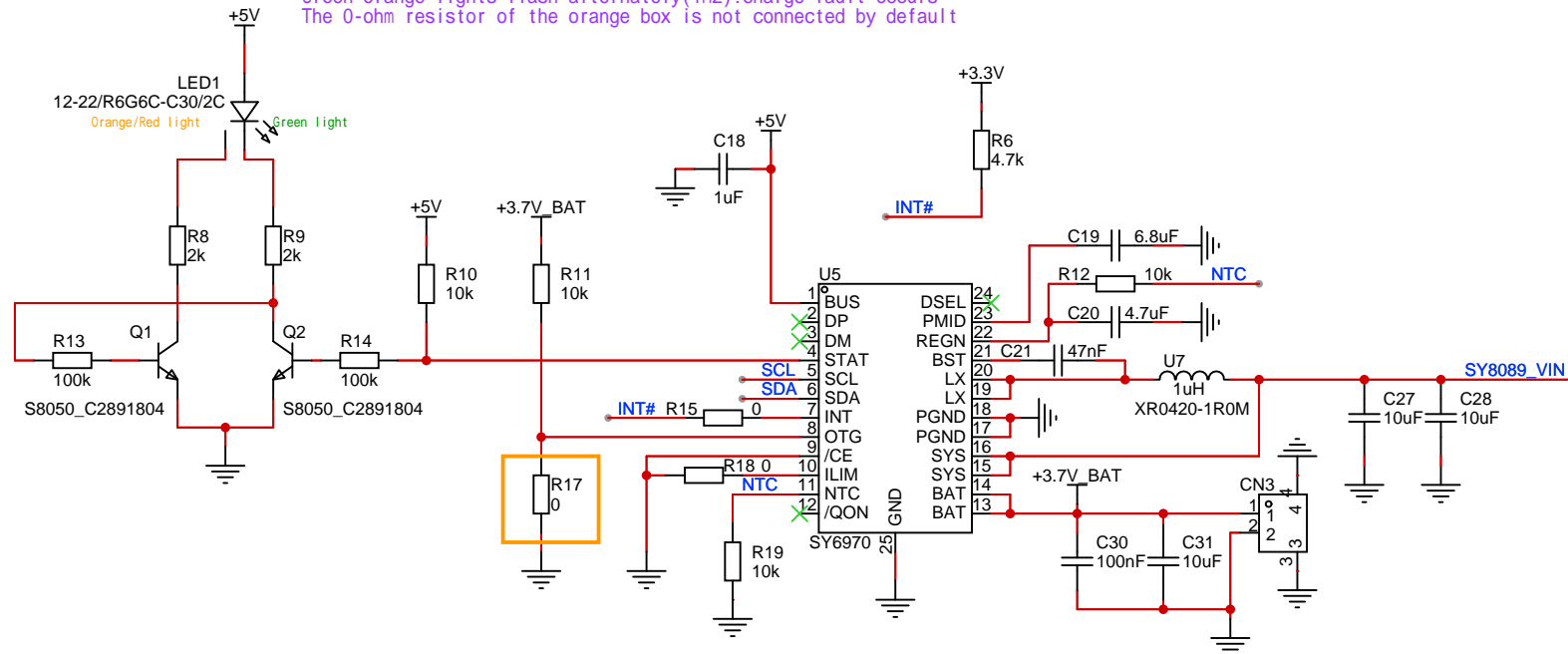
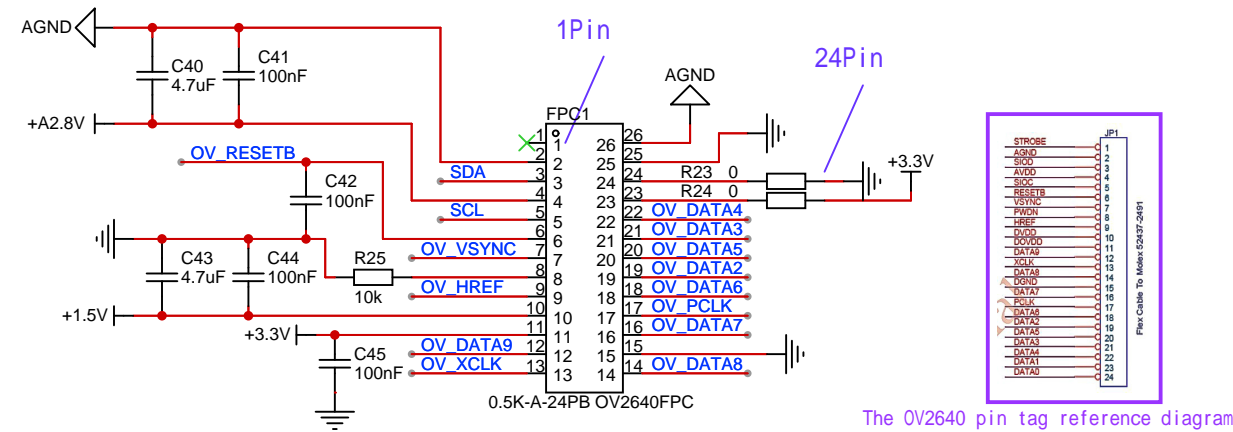


Green light: charge done or charge disabled  
Orange/Red light: charge in progress  
Green-orange lights flash alternately(1Hz): charge fault occurs  
The 0-ohm resistor of the orange box is not connected by default





Default mode: I2S/LJ GAIN 6dB  
Attention: Over 6dB may cause broken sound  
The 0-ohm resistor of the orange box is not connected by default  
Blue box selects the mode

**Table 5. SD\_MODE Control**

SD_MODE STATUS		SELECTED CHANNEL
High	$V_{DD\_MODE} > B2$ trip point	Left
Pullup through $R_{pullup}$	$B2$ trip point $> V_{DD\_MODE} > B1$ trip point	Right
Pullup through $R_{pullup}$	$B1$ trip point $> V_{DD\_MODE} > B0$ trip point	(Left2 + right2)
Low	$B0$ trip point $> V_{DD\_MODE}$	Shutdown

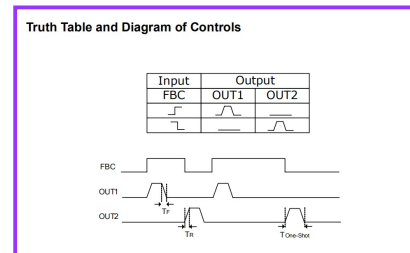
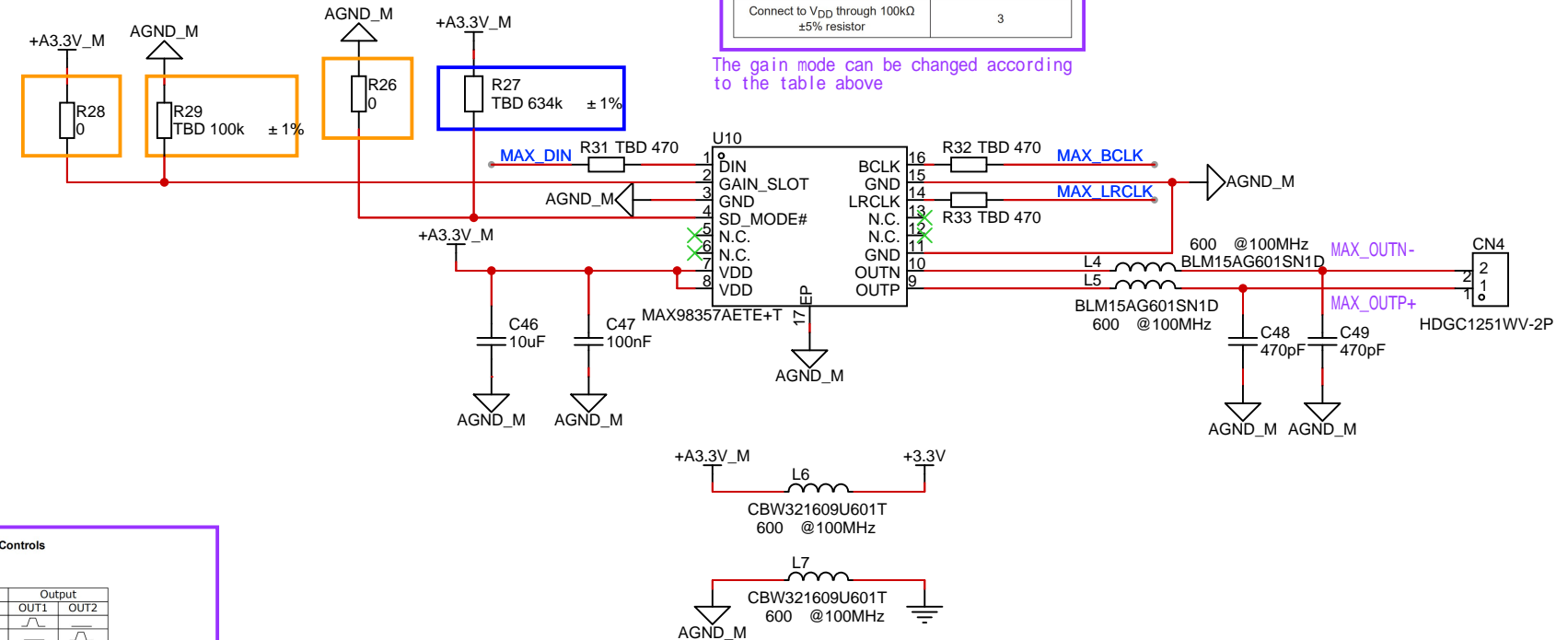
**Table 6. Examples of SD\_MODE Pullup Resistor Values**

LOGIC VOLTAGE LEVEL ( $V_{DDIO}$ ) (V)	$R_{SMALL}$ (kΩ)	$R_{LARGE}$ (kΩ)
1.8	69.8	300
3.3	210.2	694

**Table 8. Gain Selection**

GAIN_SLOT	I2S/LJ GAIN (dB)
Connect to GND through 100kΩ ±5% resistor	15
Connect to GND	12
Unconnected	9
Connect to $V_{DD}$	6
Connect to $V_{DD}$ through 100kΩ ±5% resistor	3

The gain mode can be changed according to the table above



The period of T<sub>one-Shot</sub> is determined by the external capacitor connected on CE pin. It can be estimated from the equation:  
 $T_{(one-Shot)} = 1.3 \cdot 10^6 \cdot C(CE)$  (second)

