

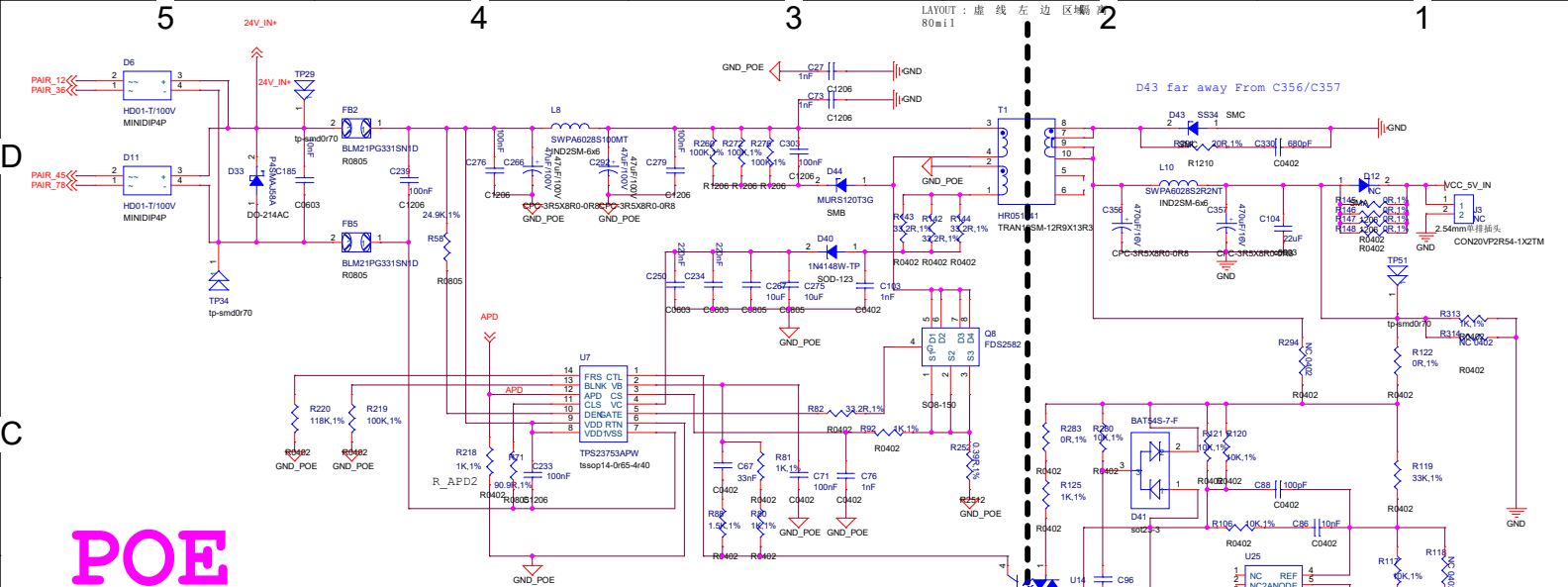
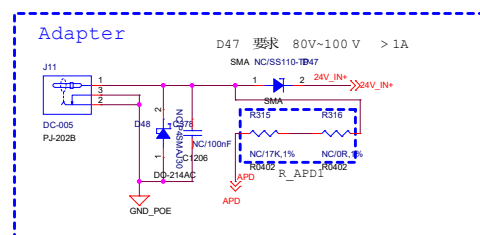


Table 2. Class Resistor Selection

CLASS	POWER AT PD PI		Class Current Requirement		RESISTOR (Ω)	NOTES
	MINIMUM (W)	MAXIMUM (W)	MINIMUM (mA)	MAXIMUM (mA)		
0	0.44	12.95	0	4	1270	
1	0.44	3.84	0	12	243	
2	3.84	6.49	17	20	137	
3	6.49	12.95	26	30	90.9	
4	12.95	25.5	44	44	63.4	Only permitted for type 2 devices

$$R_{APD1} = R_{APD2} \times (V_{ADPTR_ON} - \dot{V}_{APDEN}) / \dot{V}_{APDEN}$$

$$V_{ADPTR_OFF} = \frac{R_{APD1} + R_{APD2}}{R_{APD2}} \times (V_{APDEN} - V_{APDH})$$



APD						
V_{APDN}	Threshold voltage	$V_{APD\uparrow}$	1.42	1.5	1.58	V
V_{APDH}		Hysteresis ⁽¹⁾	0.28	0.3	0.32	

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