

PD Requested Class	Number of PSE class events	Assigned Class	Power Available at the PD PI	Outputs	
any	0	0	13.0 W	T0	T1
0	1	0	13.0 W	1	1
1	1	1	3.84 W	1	1
2	1	2	6.45 W	1	1
3 to 8	1	3 or 0	13.0 W	1	1
4 to 8	2 or 3	4	25.5 W	0	1
5	4	5	40.0 W	1	0
6 to 8	4	6	51.0 W	1	0
7	5	7	62.0 W	0	0
8	5	8	71.3 W	0	0

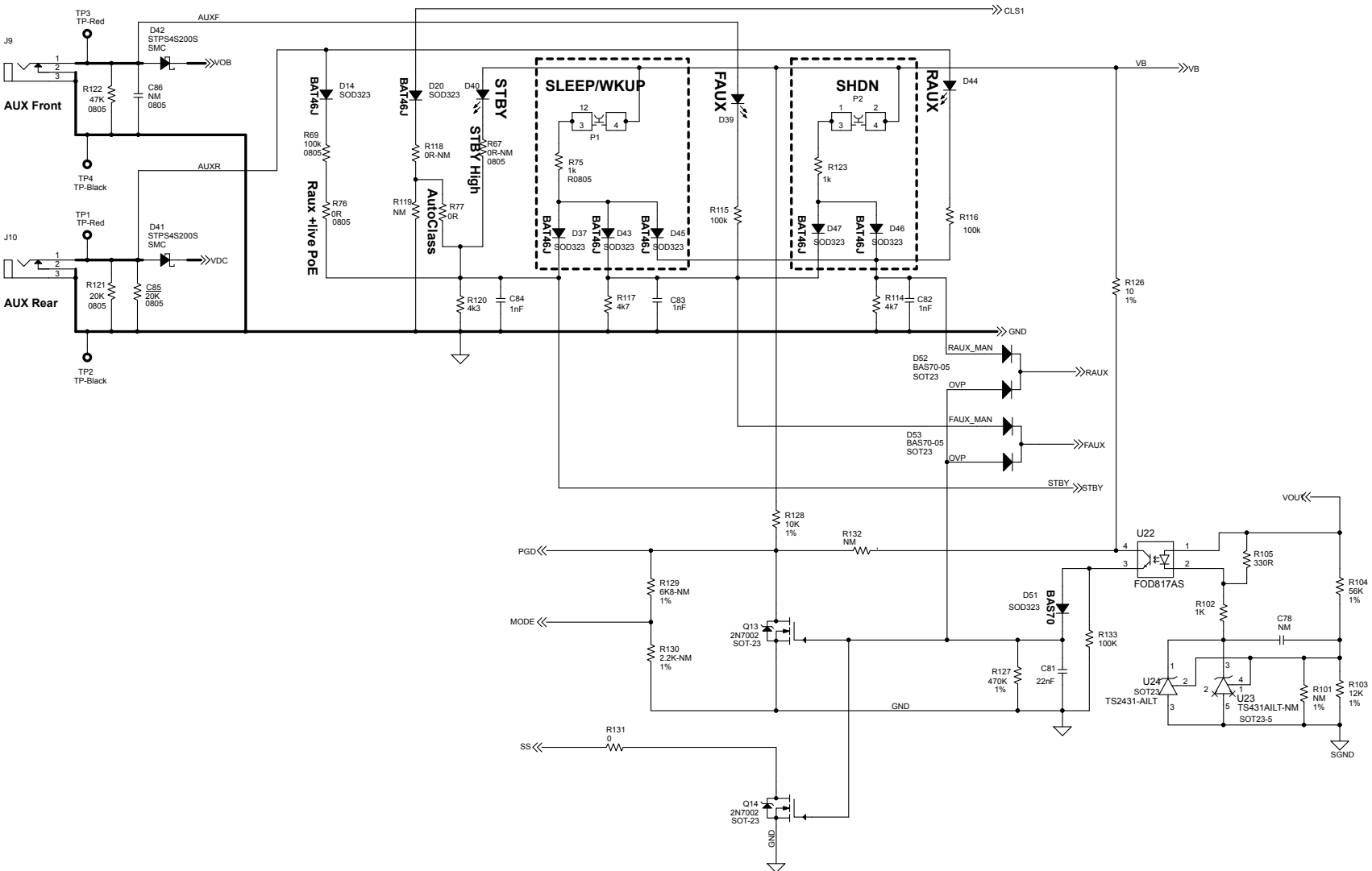
PD class	CLS1 resistor (Ω)	CLS2 resistor (Ω)	Min (mA)	Max (mA)
Class 0	2k	2k	0	4.0
Class 1	150	150	9.0	12.0
Class 2	80.6	80.6	17.0	20.0
Class 3	51.1	51.1	26.0	30.0
Class 4	36.5	36.5	36.0	44.0
Class 5	36.5	2K	36.0	44.4
Class 6	36.5	150	36.0	44.12
Class 7	36.5	80.6	36.0	44.20
Class 8	36.5	51.1	36.0	44.30

NOTE for Resistors
Where not indicated the body is 0603 and tolerance 5%

NOTE for Capacitors
Where not indicated the body is 0603, the voltage is 100V material X7R and tolerance 10% 100nF 100V is X7R 10%0605.

Figure 1: STEVAl-POE005V1 circuit schematic (1 of 3)

Figure 2: STEVAL-POE005V1 circuit schematic (2 of 3)



11 sheet 3

