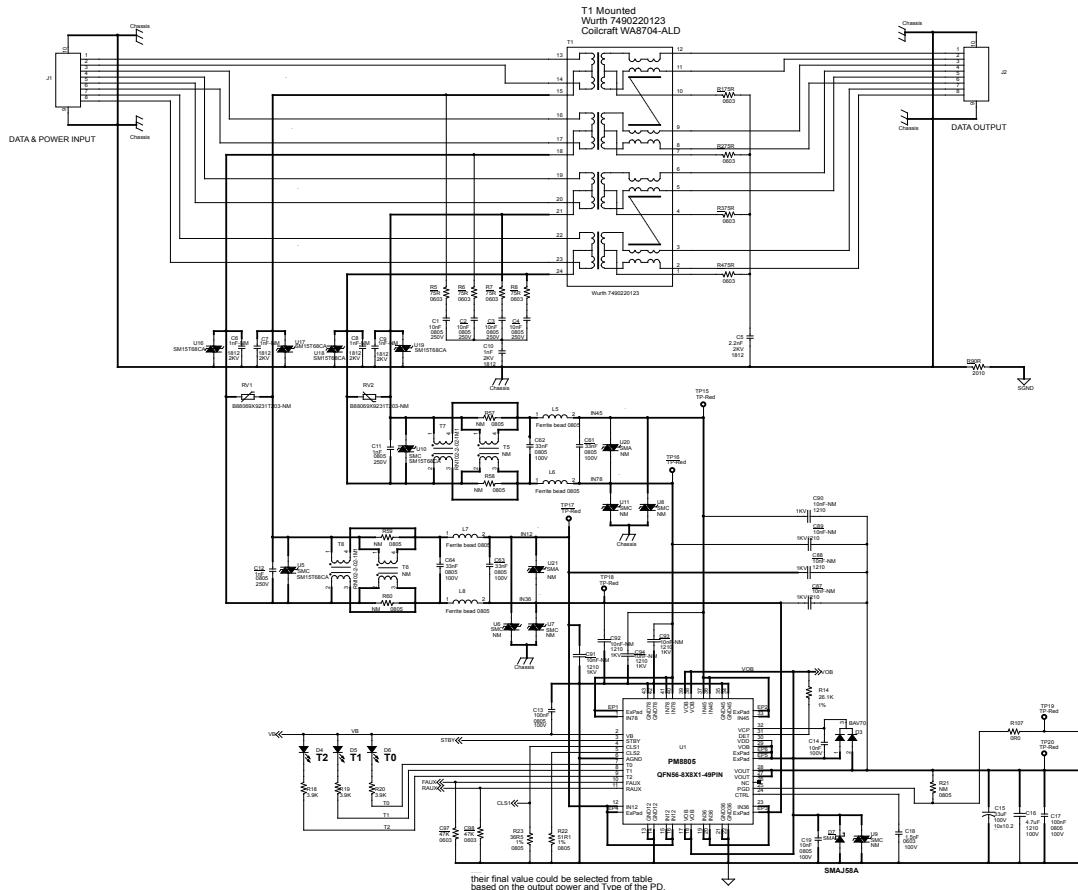


Figure 1: STEVAL-POE005V1 circuit schematic (1 of 3)



PD Requested Class	Number of PSE class events	Assigned Class	Power Available at the PD PI	Outputs
T0	T1			
any	0	0	13.0 W	1 1
0	1	1	13.0 W	1 1
1	1	1	3.84 W	1 1
2	1	2	6.49 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 0
7	5	7	62.0 W	0 0 0
8	5	8	71.3 W	0 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	44.1/4
Class 6	36.5	150	36.9	44.1/2
Class 7	36.5	80.6	36.17	44.1/20
Class 8	36.5	51.1	36.26	44.1/30

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 XTR and tolerance 10%
100nF 100V is XTR 10%0805.

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

STEVAL-POE005V1 STEVAL-POE005V1 schematic diagrams version 1 | sheet 2

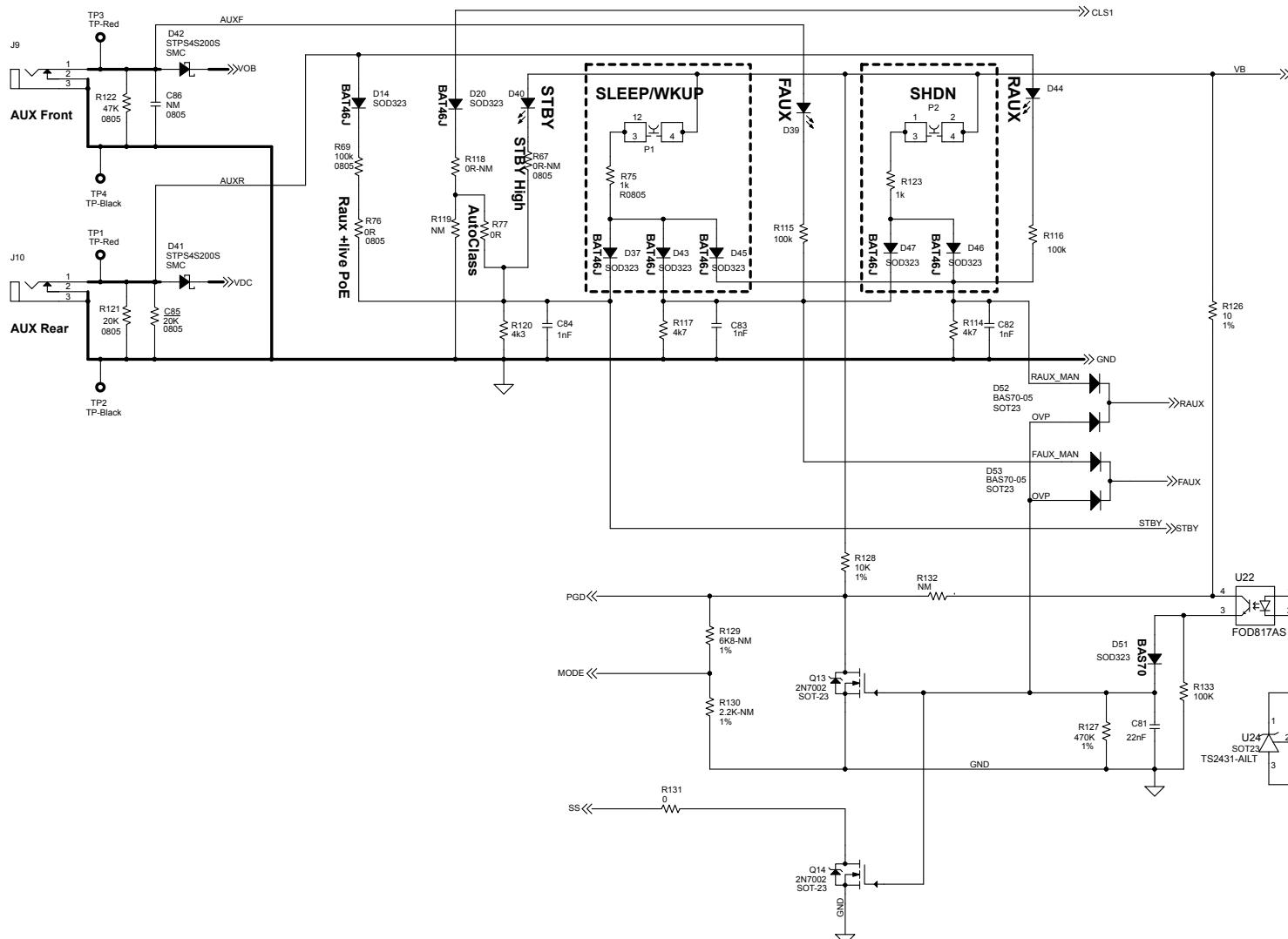


Figure 3: STEVAL-POE005V1 circuit schematic (3 of 3)

