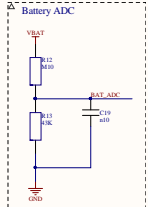
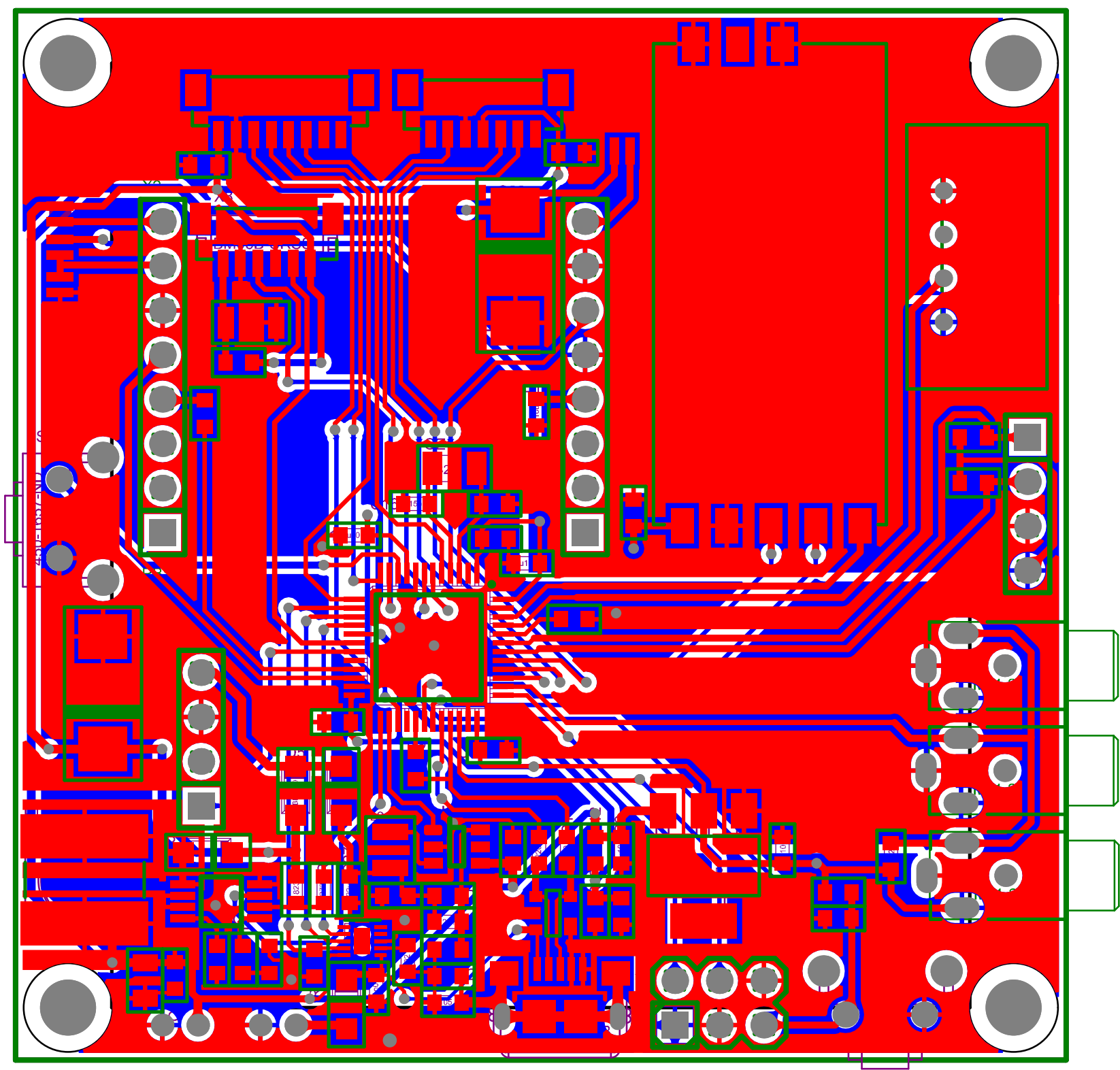
**Table 6: Recommended zener diode**

	Vendor	Part number	Power(watts)	Packages
1	On semi	MMSZ5231BT1G	500mW	SOD123
2	Prisemi	PZ3D4V2H	500mW	SOD323
3	Vishay	MMSD4689-V	500mW	SOD123
4	Crownpo	CDZ55CSVISM	500mW	0805





Comment	Description	Designator	Footprint	LibRef	Quantity
Battery	Battery	BAT1, BAT2	Battery pin2t	CMP-00543-A.3	2
107	100uF x 25V	C1, C29	Case X	CMP-00915-1	2
10u	10u x 25V	C2	C 0805 5%	CMP-01538-1	1
u10	u10 x 25V	C3, C4, C7, C8, C9, C10, C11, C14, C23	Cap 0603	CMP-00872-3	9
4u7	4u7 x 25V	C5	Cap 0603	CMP-01032-1	1
1n0	1n x 50V	C6	Cap 0603	CMP-00074-6	1
10u	10u x 25V	C13	Cap 0603	CMP-01033-1	1
1u0	1u0 x 25V	C15, C18, C20, C22	Cap 0603	CMP-00084-6	4
15p	15p x 50V	C16, C17	Cap 0603	CMP-00932-1	2
n10	n1 x 50V	C19	Cap 0603	CMP-00707-4	1
220u	220u x 6.3V	C21	Cap 1206	CMP-00898-2	1
n82	n82 x 25V	C24	Cap 0603	CMP-00847-2	1
22u	22u x 16V	C25, C26, C27	Cap 0603	CMP-01446-2	3
22p	22p x 25V	C28	Cap 0603	CMP-00831-2	1
MBR1020VL	MBR1020VL	D1, D3, D5, D6	SOD123	CMP-03127-1	4
BQ24041	BQ24041	D2	WSON-10 2x2	CMP-00532-4	1
PMKI	TPS61085	D4	VSSOP-8 3x3mm	CMP-00717-2	1
NFGO	TPD2E001DZDR	DA1	SOT-143B	CMP-00126-3	1
NCP1117LP-3.3V	NCP1117LP-3.3V	DA2	SOT-223	CMP-00762-2	1
Jumper	Jumper	J1, J2, J6, J7	Jumper	CMP-00234-4	4
MJ1-2503A	MJ1-2503A	J3, J4, J5	MJ1-2503A	CMP-03108-1	3
6u	SRR6028-6R0Y, 6uH x 2.3A	L1	SRR6028	CMP-03126-1	1
2u2	LOM2HPN2R2MG0L, 2.2 uH	L2	Ind 2.5x2.0mm	CMP-00605-3	1
32.768	ABS07-32.768KHZ-T	QZ1	ABS07	CMP-00609-3	1
102	R 1K0	R1, R4, R7	R0603 5%	CMP-00040-5	3
472	R 4K7	R2, R3, R6, R15	R0603 5%	CMP-00049-5	4
105	R 1M0	R5	R0603 5%	CMP-00043-5	1
103	R 10K	R8	R0603 5%	CMP-00052-5	1
152	R 1K5	R9	R0603 5%	CMP-00041-5	1
220	R 22R	R10, R11	R0603 5%	CMP-03012-1	2
104	R M10	R12	R0603 5%	CMP-00156-5	1
433	R 43K	R13	R0603 5%	CMP-00709-4	1
151	R K15	R14, R20	R0603 5%	CMP-03111-1	2
823	R 82K	R16	R0603 5%	CMP-00058-5	1
105K	R 105K	R17	R0603 5%	CMP-00912-1	1
273	R 27K	R18	R0603 5%	CMP-03128-1	1
221	R K22	R19	R0603 5%	CMP-03125-1	1
450-1657-ND	450-1657-ND	SB1, SB2	Tact Switch 7.1x7mm	CMP-00638-3	2
DHT-22	DHT-22	U2	DHT-22_V	CMP-03110-1	1
STM32F103	STM32F103C8T6	U3	LOFP-48	CMP-00000-9	1
HC-12	HC-12	U5	HC-12 Module	CMP-03106-1	1
AP3419	AP3419KTIR-G1	U7	SOT-23-6	CMP-03124-1	1
USB Micro-B	MICRO USB - 10118193-0001LF	X1	MICRO USB - 10118193-0001LF	CMP-00660-5	1
PBS-8	PBS-8	X2, X3	PBS-8	CMP-00368-3	2
PLD-6	PLD-6	X5	PLD-6	CMP-00304-3	1
BM08B-SRSS	BM08B-SRSS-TB	X6	BM08B-SRSS-TB	CMP-03102-1	1
BM07B-SRSS	BM07B-SRSS-TB	X7	BM07B-SRSS-TB	CMP-03103-1	1
BM06B-SRSS	BM06B-SRSS-TB	X8	BM06B-SRSS-TB	CMP-03104-1	1
PBS-4	PBS-4	XS1, XS2	PBS-4	CMP-00222-3	2