

## BILL OF MATERIALS

Qty	Value	Parts	MANUFACTURER_NAME	MANUFACTURER_PART_NUMBER
1		OA1	Diodes Incorporated	TLV271CW5-7
1		S1	E-Switch	LL3301NF065QG
1		FB1	TDK	MPZ2012S102JTD25
1		D1	Lite-On	LTST-C171GKT
2		U2, U3	NXP / Freescale	MC33926PNB
1		P1	Bourns	PVG3A203C01R00
1		U4	Texas Instruments	TPS565201DDCT
1		J1	SparkFun	PRT-10474
1		X1	ECS	ECS-120-10-36-AGY-TR
1		U1	Microchip Technology	dsPIC33EP128GM304-E/PT
1		U5	Texas Instruments	TL1963A-33DCQR
3	0.1uF	C1, C2, C3		CC0402KRX7R7BB104
12	0.1uF	C6, C11, C12, C13, C21, C26, C27, C45, C48, C49, C50, C51		CC0603KRX7R9BB104
2	0.47uF	C7, C22		TMK107B7474KA-TR
7	100	R6, R7, R28, R41, R42, R45, R46		AC0603FR-13100RL
2	100pF	C37, C39		8.85342E+11
2	100uF	C33, C42	Panasonic	EEH-ZA1E101XV
1	100uF	C17	KEMET	T491X107M025AT
2	100uF	C18, C19	Wurth Electronics	865081000000
5	10k	R2, R8, R10, R11, R29		RC0402FR-0710KL
2	10uF	C24, C25		GRM188R6YA106MA73D
2	10uF	C43, C44		GRM32DR71E106MA12L
2	10uF	C4, C46		TAJB106K016TNJ
1	1M	R38		RC0603FR-071ML
4	1k	R1, R30, R31, R35		ERJ-3RBD102V
3	1nF	C8, C9, C10		AC0402KRX7R7BB102
1	1nF	C32		885012000000
2	1uF	C16, C23		C1608X7R1V105K080AE
2	220	R4, R13		UCR03EVPFLR220
2	22uF	C28, C29		EMK316BB7226ML-T
1	240	R53		ERJ-3RBD2400V
1	2M	R37		RC0603FR-072ML
1	3.3uH	L1	Wurth Electronics	744311330
18	330	R3, R12, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R27, R43, R44		RC0603FR-07330RL
2	33nF	C5, C20		CC0603KRX7R9BB333
4	4k3	R33, R34, R39, R40		AC0603FR-074K3L
2	4k7	R65, R66		SFR03EZPF4701
1	54k9	R9		ERJ-PB3B5492V
2	8pF	C14, C15		GCM1555C1H8R0DA16D