

Variant: 001
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TIDA-050056 REV E1 Bill of Materials



Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	PCB	1		TIDA-050056	Any	Printed Circuit Board	
2	C1	1	10uF	GRM188R61E106MA73D	MuRata	CAP, CERM, 10 uF, 25 V, +/- 20%, X5R, 0603	603
3	C2	1	22uF	GRM188R61A226ME15D	MuRata	CAP, CERM, 22 uF, 10 V, +/- 20%, X5R, 0603	603
4	J1, J2	2		61300211121	Würth Elektronik	Header, 2.54 mm, 2x1, Gold, TH	Header, 2.54mm, 2x1, TH
5	L1	1	1.5uH	DFE201210U-1R5M=P2	Murata	1.5µH Shielded Wirewound Inductor 1.6A 138mOhm Max 0805 (2012 Metric)	0805 (2012)
6	R3	1	27.4k	CRCW040227K4FKED	Vishay-Dale	RES, 27.4 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	402
7	U1	1		TPS629210QDRLRQ1	Texas Instruments	3-V to 17-V, Synchronous Buck Converters in 1.6 mm x 2.1 mm SOT583 Package	FCSOT8
8	FID1, FID2, FID3, FID4, FID5, FID6	0		N/A	N/A	Fiducial mark. There is nothing to buy or mount.	N/A
9	R1	0	154k	CRCW0402154KFKED	Vishay-Dale	RES, 154 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	402
10	R2	0	34.0k	CRCW040234K0FKED	Vishay-Dale	RES, 34.0 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	402