

BOM: TIDA-01450

Fitted	Description	Designator	PartNumber	Quantity	Manufacturer	PackageReference	Value
Fitted	CAP, CERM, 0.1 μ F, 6.3 V, +/- 10%, X7R, 0603	C1	GRM188R70J104KA01D	1	MuRata	0603	0.1 μ F
Fitted	CAP, CERM, 0.1 μ F, 25 V, +/- 10%, X7R, 0603	C2	885012206071	1	Wurth Elektronik	0603	0.1 μ F
Fitted	CAP, CERM, 10 μ F, 35 V, +/- 10%, X7R, 1206	C3	GMK316AB7106KL	1	Taiyo Yuden	1206	10 μ F
Fitted	CAP, CERM, 22 μ F, 10 V, +/- 20%, X7R, 0805	C4, C5	GRM21BZ71A226ME15L	2	MuRata	0805	22 μ F
Fitted	CAP, CERM, 22 pF, 50 V, +/- 5%, C0G/NP0, 0603	C6	GRM1885C1H220JA01D	1	MuRata	0603	22pF
Fitted	CAP, CERM, 47 μ F, 25 V, +/- 20%, X5R, 1206	C11	C3216X5R1E476M160AC	1	TDK	1206	47 μ F
Fitted	Header, 2.54 mm, 4x1, Gold, R/A, TH	J1	61300411021	1	Wurth Elektronik	Header, 2.54 mm, 4x1, R/A, TH	
Fitted	Inductor, 4.7 μ H, 3.4 A, 0.024 ohm, SMD	L1	ABG06A45M4R7	1	Coilank	6x6mm	4.7 μ H
Fitted	Inductor, 4.7 μ H, 1.12 A, 0.12 ohm, SMD	L2	ABG03A15M4R7	1	Coilank	3x3mm	4.7 μ H
Fitted	RES, 0, 5%, 0.1 W, 0603	R1	CRCW06030000Z0EA	1	Vishay-Dale	0603	0
Fitted	RES, 143 k, 1%, 0.1 W, 0603	R2	CRCW0603143KFKEA	1	Vishay-Dale	0603	143k
Fitted	RES, 54.9 k, 1%, 0.1 W, 0603	R3	CRCW060354K9FKEA	1	Vishay-Dale	0603	54.9k
Fitted	RES, 51, 5%, 0.1 W, 0603	R4	CRCW060351R0JNEA	1	Vishay-Dale	0603	51
Fitted	RES, 49.9 k, 1%, 0.1 W, 0603	R5	CRCW060349K9FKEA	1	Vishay-Dale	0603	49.9k
Fitted	RES, 10.0 k, 1%, 0.1 W, 0603	R6	RCG060310K0FKEA	1	Vishay Draloric	0603	10.0k
Fitted	4.5-V to 17-V Input, 2-A Synchronous Step-Down Voltage Regulator, DDC0006A (SOT-23-T-6)	U1	TPS561201DDCR	1	Texas Instruments	DDC0006A	

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Mailing Address: Texas Instruments, Post Office Box 655303, Dallas, Texas 75265
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