

Bill of Materials

TI DESIGNS

TIPD119: Combined Voltage and Current Output Terminal for Analog Outputs in Industrial Applications

Item #	Quantity	Designator	Value	Description	Manufacturer	Part Number
1	12	C1, C5, C7, C10, C12, C13, C14, C15, C16,	0.1uF	CAP, CERM, 0.1uF, 50V, +/-10%, X7R, 0603	MuRata	GRM188R71H104KA93D
2	7	C2, C6, C8, C9, C11, C22, C26	100pF	CAP, CERM, 100pF, 50V, +/-5%, COG/NPO, 0603	AVX	06035A101JAT2A
3	2	C3, C4	10uF	CAP, TANT, 10uF, 50V, +/-10%, 0.8 ohm, 7343-43 SMD	Vishay-Sprague	293D106X9050E2TE3
4	1	C17	0.022uF	CAP, CERM, 0.022uF, 50V, +/-10%, X7R, 0603	TDK	C1608X7R1H223K
5	4	C19, C21, C23, C24	1000pF	CAP, CERM, 1000pF, 100V, +/-10%, X7R, 0603	MuRata	GRM188R72A102KA01D
6	1	FB1		FERRITE CHIP 600 OHM 200MA 0603	MuRata	BLM18HG601SN1D
7	1	J1		TERMINAL BLOCK 3.5MM 3POS PCB	On Shore Technology Inc	ED555/3DS
8	1	J2		CONN SOCKET 50PIN .050 R/A SNGL	Mill-Max Manufacturing Corp.	851-43-050-20-001000
9	1	J3		TERMINAL BLOCK 3.5MM 2POS PCB	On Shore Technology Inc	ED555/2DS
10	1	J4		Header, TH, 100mil, 5x1, Gold plated	Samtec, Inc.	TSW-105-07-G-S
11	1	R1	DNI	RES, 15.0k ohm, 0.1%, 0.1W, 0603	Susumu Co Ltd	RG1608P-153-B-T5
12	1	TP1		Test Point, Compact, Red, TH	Keystone	5005
13	3	TP2, TP3, TP4		Test Point, Compact, Black, TH	Keystone	5006
14	1	U1		Single-Channel, 16-Bit Programmable Voltage and Current	Texas Instruments	DAC8760RHA
15	1	U2		Precision e-Trim Op Amp	Texas Instruments	OPA192AIDBVT
16	1	U3		ISOLATOR DGTL 25MBPS 4CH 16SOIC	Texas Instruments Inc	ISO7641FCDW

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