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0-10V DimmingHardware_Daughter Board

Designator	Quantity	Value	Description	PackageReference	PartNumber	Manufacturer	Alternate PartNumber	Alternate Manufacturer
C1, C2		0.01uF	CAP, CERM, 0.01uF, 100V, +5/%, X7R, 0805			AVX	, according to a circumster	7 III O III AI O III AI II AII
C3	1	22uF	CAP, CERM, 22uF, 6.3V, +20/%, X5R, 0805	0805	GRM21BR60J226ME39 L	MuRata		
D1	1	15V	Diode, Zener, 15V, 500mW, SOD-123	SOD-123	MMSZ5245B-7-F	Diodes Inc.		
Q1	1	40V	Transistor, Progrmmable Unijunction 40V, 300mW	TO-92	2N6027	On Semi		
Q2	1	40V	Transistor, PNP, 40V, 0.2A, SOT-23	SOT-23	MMBT3906-7-F	Diodes Inc.		
R1	1	1.0Meg	RES, 1.0Meg ohm, 5%, 0.1W, 0603	0603	CRCW06031M00JNEA	Vishay-Dale		
R2	1	30.1k	RES, 30.1k ohm, 1%, 0.1W, 0603	0603	CRCW060330K1FKEA	Vishay-Dale		
R3	1	13.3k	RES, 13.3k ohm, 1%, 0.1W, 0603	0603	CRCW060313K3FKEA	Vishay-Dale		
R4, R7, R8	3	10.0k	RES, 10.0k ohm, 1%, 0.1W, 0603	0603	CRCW060310K0FKEA	Vishay-Dale		
R5	1	33.2k	RES, 33.2k ohm, 1%, 0.1W, 0603	0603	CRCW060333K2FKEA	Vishay-Dale		
R6	1	6.04k	RES, 6.04k ohm, 1%, 0.1W, 0603	0603	CRCW06036K04FKEA	Vishay-Dale		
R9	1	143k	RES, 143k ohm, 1%, 0.1W, 0603	0603	CRCW0603143KFKEA	Vishay-Dale		
R10	1	4.75k	RES, 4.75k ohm, 1%, 0.1W, 0603	0603	CRCW06034K75FKEA	Vishay-Dale		
R11	1	200k	RES, 200k ohm, 1%, 0.1W, 0603	0603	CRCW0603200KFKEA	Vishay-Dale		
U1	1		Optocoupler, 5kV RMS, SMT	DIP-4L Gullwing	FOD817DS	Fairchild Semiconductor		
U2	1	LM393M	Low Power Low Offset Voltage Dual Comparator	8-SOIC (0.154", 3.90mm Width)	LM393MX/NOPB	Texas Instruments		_

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Notes:

Unless otherwise noted in the Alternate PartNumber and/or Alternate Manufacturer columns, all parts may be substituted with equivalents.

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