Filename: #VALUE!

Variant: 001

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TID #: TIDA-010042



Item #	Designator	Quantity	Value	PartNumber	Manufactu rer	Description	Package Referen
1	C12	1	0.1uF		MuRata	CAP, CERM, 0.1	0402
2	C13, C64	2	100μF	ESY476M100AH1A	Kemet	100 μF 100 V Alu	RADIAL
3	C18, C19	2	2.2uF	GRM188C71C225I	Murata	2.2μF ±10% 16V	0603
4	C20	1	100pF	GRT1555C1E101JA	Murata	Multi-Layer Cera	0402
5	C21, C22, C38	8	0.1uF		Taiyo Yuder	CAP CER 0.1UF 2	0603
6	C23, C24	2	2.2μF	12061C225KAT2A	AVX	2.2uF @ ±10% 1	1206
7	C25, C29	2		GRM188R72A104I	Murata	0.1μF ±10% 100	0603
8	C26, C31	2	1uF		Yageo	CAP CER 1UF 16	0603
9	C27, C32, C35	3	10uF		MuRata	CAP, CERM, 10 u	1206
10	C28	1		CL21B106KOQNNI	Samsung El	Cap Ceramic 10u	0805
11	C30	1	1uF		Samsung El	CAP, CERM, 1 μF	0603
12	C33, C34, C36	3	0.1uF		MuRata	CAP, CERM, 0.1	0603
13	C37	1	1uF		AVX	CAP, CERM, 1 uF	0603
14	C39, C44, C48	3	0.1uF		MuRata	CAP, CERM, 0.1	0402
15	C40	1	4.7nF	GRM188R71H472	Murata	Multilayer Ceran	0603
16	C49, C50	2	1nF	CC0603KRX7R7BB	YAGEO	1000 pF ±10% 16	0603
17	C52	1	1μF	GRT155R61E105K	Murata	Multi-Layer Cera	0402
18	C53, C54	2	1000pF		Kemet	CAP, CERM, 100	0402
19	D1	1	15V		Diodes Inc.	Diode, Zener, 15	SOD-123
20	D2	1	3.6V		ON Semicor	Diode, Zener, 3.6	SOD-123
21	D3, D4	2	Green		Lite-On	LED, Green, SMI	1.6x0.8x0
22	D5, D6	2	Red		Lite-On	LED, Red, SMD	Red LED, 1
23	H1, H2, H3, H	4			B&F Fasten	Machine Screw,	Screw
24	J1, J2, J3	3			On-Shore To	Terminal Block, (On-Shore
25	J4	1			Samtec	Header(Shroude	Header(Sł
26	J5	1			Wurth Elekt	Header(Shroude	Header, 2
27	L1	1	10uH		Wurth Elekt	Inductor, Shielde	28.5x19.5
	LBL1	1			Brady	Thermal Transfe	PCB Label
29	Q1, Q2, Q3	3	60V		Texas Instru	MOSFET, N-CH, 6	DNK0008
30	Q4	1	40 V		Micro Comi	TRANS NPN 40V	SOT-23
31	R1, R4, R5	3	1m	ULRG32512R001F	TT Electron	Res Metal Strip 2	2512
32	R2	1	2.2		Vishay-Dale	RES, 2.2, 5%, 0.0	0402
33	R3	1	10.0k		Susumu Co	RES, 10.0 k, 0.1%	0603
34	R6	1	0	RCG04020000Z0E	Vishay Dale	Res Thick Film 04	0402
35	R8, R11	2	5.11		Vishay-Dale	RES, 5.11, 1%, 0.	1206
36	R9, R10	2	20.0		Yageo	RES, 20.0, 1%, 0.	0603
37	R12	1	768k		Yageo	RES, 768 k, 1%, 0	0603
38	R13	1	100k		Yageo	RES, 100 k, 1%, 0	0603
39	R14	1	100k		Yageo Ame	RES, 100 k, 1%, 0	0402
40	R15	1	5.1		Vishay-Dale	RES, 5.1, 5%, 0.1	0603
41	R16	1	47k		Yageo	RES, 47 k, 5%, 0.	0603
42	R17, R19, R20	4	3.3k		Vishay-Dale	RES, 3.3 k, 5%, 0	0603
43	R18	1	100k		Yageo Ame	RES, 100 k, 0.1%	0603

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44	R25, R35, R40	3	100		Yageo	RES, 100, 1%, 0.1	0603
45	R26, R27	2	1.00k		Yageo	RES, 1.00 k, 1%,	0603
46	R28, R33	2	1.0k		Yageo	RES, 1.0 k, 5%, 0	0603
47	R32	1	0		Yageo	RES, 0, 5%, 0.1 V	0603
48	R34, R36	2	22.0		Yageo	RES, 22.0, 1%, 0.	0603
49	R37	1	10.0k		Panasonic	RES, 10.0 k, 1%,	0603
50	R38	1	2.05k		Yageo	RES, 2.05 k, 1%,	0603
51	R39	1	1.0		Vishay-Dale	RES, 1.0, 5%, 0.1	0603
52	R41, R42	2	10.0k		Stackpole E	RES, 10.0 k, 1%,	0603
53	R43, R44, R49	4	3.30k		Vishay-Dale	RES, 3.30 k, 1%,	0603
54	R45, R46, R47	4	80.6k		Yageo	RES, 80.6 k, 1%,	0603
55	R100, R101	2	10.5k		Yageo Ame	RES, 10.5 k, 1%,	0402
56	U1, U2	2			Texas Instru	33-V Precision St	DRV0006/
57	U3	1		LMG2100R026	Texas Instru	100-V, 53-A GaN	VQFN-FCF
58	U4, U5	2			Texas Instru	4A/4A Single Cha	DBV0005/
59	U6	1		TPSM365R6V5RDI	Texas Instru	3-V to 65-V Inpu	VQFN-HR
60	U7	1		TPS7A2033PDBVR	Texas Instru	300-mA, Ultra-Lo	SOT23-5
61	U8	1		MSPM0G1507SRG	Texas Instru	Mixed-Signal Mi	VQFN48
62	U9, U11, U13	3		INA241A4IDDF	Texas Instru	-4-V to 110-V, Bi	SOT-23-8
63	U12	1			Texas Instru	Factory Program	DRL0006/

nrouded), 1.27mm, 5x2, SMT

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