

Item	Qty	Ref- Des	Desc	Manufacturer's Part Number
1	1	CIN1	CAP, 180uF 20% 16V OSCON	SANYO OSCON 16SVP180MX
2	2	CIN2,CIN3	CAP, 1210 10uF 10% 16V X5R	TAIYO YUDEN EMK325BJ106KN-T
3	0	CIN4,CIN5	CAP, 1210 OPTION	OPTION
4	2	COU1,COU4	CAP, 1210 100uF 20% 6.3V X5R	TDK C3225X5R0J107MT
5	4	COU2,COU3,COU5,COU6	CAP, 7343 330uF 20% 2.5V POSCAP	SANYO 2R5TPE330M9
6	0	C1,C37,C38,C48,C49	CAP, 0603 OPTION	OPTION
7	5	C2,C17,C20,C21,C47	CAP, 0603 0.1uF 10% 25V X7R	TDK C1608X7R1E104K
8	3	C11,C32,C36	CAP, 0805 4.7uF 10% 6.3V X5R	AVX 08056D475KAT
9	2	C42,C43	CAP, 0603 100pF 5% 25V X7R	AVX 06033C101JAT
10	1	C50	CAP, 0603 1uF 20% 16V X7R	AVX 0603YC105MAT2A
11	2	D1,D2	DIODE,CMDSH-3 SOD323	CENTRAL CMDSH-3-LTC
12	12	E1-E6,E9-E14	TURRET	MILL-MAX 2501-2-00-80-00-00-07-0
13	2	JP1,JP2	HEADER,3PIN, 2mm	SAMTEC TMM-103-02-L-S
14	1	JP3	HEADER, 4PIN	SAMTEC TMM-104-02--L-S
15	6	J1,J2,J3,J4,J5,J6	JACK, BANANA	KEYSTONE 575-4
16	2	Q1,Q3	XSTR, N-CHANNEL MOSFET	INFINEON BC050NE2LS
17	2	Q2,Q4	XSTR, N-CHANNEL MOSFET	INFINEON BSC010NE2LS
18	0	Q5,Q6,Q7,Q8	DO NOT STUFF	OPTION
19	7	R1,R3,R9,R25,R36,R48,R54	RES, 0603 0 OHM JUMPER	PANASONIC ERJ3GEY0R00V
20	0	R2,R26,R28,R34,R37,R38, R41,R42,R44,R47,R49,R50, R52,R53,R55,R60	RES, 0603 OPTION	OPTION
21	1	R4	RES, 0603 10K OHMS 1% 1/16W	VISHAY CRCW060310K0FKEB
22	1	R18	RES, 0603 2.2 OHMS 5% 1/10W	YAYEO RC0603JR-072R2
23	1	R27	RES, 0603 30.1k OHMS 1% 1/10W	YAYEO RC0603FR-0730K1
24	2	R31,R35	RES, 0603 5.9K OHMS 1% 1/10W	VISHAY CRCW06035K9FKEA
25	2	R32,R33,R43	RES, 0603 20K OHMS 1% 1/10W	YAYEO RC0603FR-0720K
26	1	R46	RES, 0603 100K OHMS 5% 1/10W	VISHAY CRCW0603100KJNEB
27	1	U1	IC, Dual, 2-Phase Synchronous Step-Down DC/DC Controllers	LINEAR TECH.LTC3869EUFD
28	3	JP1-JP3	SHUNT, 2mm	SAMTEC 2SN-BK-G

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1	1		GENERAL BILL OF MATERIALS	LINEAR TECH DC1807A REV 1
2	4	C14,C15,C41,C44	CAP, 0603 1nF 10% 50V X7R	AVX 06035C102KAT
3	2	L1,L2	IND, 0.47uH	VITEC 59PR9875, 0.4uH
4	2	RS1,RS2	RES, 2010 0.002 OHMS 5% 1/2W	VISHAY WSL20102L000FEA
5	1	R10	RES, 0603 102k OHMS 5% 1/10W	VISHAY CRCW0603102KJNEA
6	4	R29,R30,R39,R40	RES, 0603 100 OHMS 5% 1/10W	VISHAY CRCW0603100RJNEA
7	0	R45,R51,R61,R62	RES, 0603 OPTION	OPTION

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1	1		GENERAL BILL OF MATERIALS	LINEAR TECH DC1807A REV 1
2	2	C14,C15	CAP, 0603 220nF 10% 25V X7R	TDK C1608X7R1E224K
3	2	C41,C44	CAP, 0603 1.5nF 10% 50V NPO	AVX 06035A152KAT2A
4	2	L1,L2	IND, 0.56uH	VISHAY IHLP4040DZ11, 0.56uH
5	2	RS1,RS2	RES, 2010 0 OHMS 5% 1/2W	TEPRO RN5236
6	1	R10	RES, 0603 75k OHMS 5% 1/10W	VISHAY CRCW060375K0JNEA
7	2	R61,R62	RES, 0603 0 OHM JUMPER	PANASONIC ERJ3GEY0R00V
8	0	R29,R30,R39,R40	RES, 0603 OPTION	OPTION
9	2	R45,R51	RES, 0603 1.58k OHMS 1% 1/10W	CRCW06031K58FKEA