

Item	Qty	Ref - Des	Desc	Manufacturer's Part Number
1	1	C4	CAP, 1206 100pF 10% 630V COG	TDK C3216COG2J101K
2	0	C6	CAP, 1210 47uF 20% 6.3V X5R OPTION	TDK C3225X5R0J476MT OPTION
3	1	C7	CAP, 4.7nF 10% 250V X7R	MURATA GA343DR7GD472KW01L
4	3	C8,C11,C13	CAP, 0603 0.1uF 10% 50V X7R	TDK C1608X7R1H104K
5	1	C10	CAP, 6032 47uF 20% 20V TANT	AVX TAJC476M020R
6	0	C12	CAP, 0603 470pF 10% 25V NPO OPTION	AVX 06033A471KAT2A OPTION
7	1	C17	CAP, 0603 47pF 10% 25V NPO	AVX 06033A470KAT2A
8	0	C18	CAP, 0603 10nF 10% 25V X7R OPTION	AVX 06033C103KAT OPTION
9	1	C20	CAP, 0603 2.2nF 5% 50V X7R	AVX 06035C222JAT
10	1	C21	CAP, 1206 1uF 20% 25V X7R	AVX 12063C105MAT2A
11	1	C25	CAP, 1812 2.2uF 10% 100V X7R	TDK C4532X7R2A225K
12	1	C30	CAP, 22uF 100V	SANYO 100ME22AXTS
13	1	D2	DIODE, BAS21-7	DIODES INC. BAS21-7-F
14	1	D5	DIODE, SCHOTTKY	DIODES INC. BAT54-7
15	1	D8	DIODE, BAT760	DIODES INC. BAT760
16	4	E1,E2,E3,E4	TURRET	MILL-MAX 2501-2
17	1	L1	IND, 4.7uH	VISHAY IHPL2525CZER4R7M01
18	0	Q4	XSTR, MOSFET N-CHANNEL OPTION	VISHAY SILICONIX SI7336ADP OPTION
19	1	Q12	XSTR, PNP	ZETEX FMMT718TA
20	1	Q13	XSTR, NPN	ZETEX FMMT618TA
21	1	R1	RES, 0603 0 OHM JUMPER	VISHAY CRCW0603000ZRT6
22	1	R4	RES, 0603 330 OHMS 5% 1/10W	AAC CR16-331JM
23	1	R5	RES, 0603 412K OHMS 1% 1/8W	AAC CR16-4123FM
24	1	R8	RES, 1206 47K OHMS 5% 1/4W	AAC CR18-473JM
25	1	R13	RES, 0603 10K OHMS 5% 1/10W	AAC CR16-103JM
26	1	R14	RES, 0603 15K OHMS 1% 1/10W	AAC CR16-1502FM
27	1	R15	RES, 0603 3.01K OHMS 1% 1/10W	AAC CR16-3011FM
28	1	R16	RES, 0603 169K OHMS 1% 1/10W	AAC CR16-1693FM
29	1	R19	RES, 0603 100K OHMS 5% 1/10W	AAC CR16-104JM
30	1	R20	RES, 0603 12K OHMS 5% 1/10W	AAC CR16-123JM
31	1	R26	RES, 0603 15 OHMS 5% 1/10W	AAC CR16-150JM
32	1	T2	XFMR, 1.4mH MIN, 50KHz	PULSE PA0184
33	1	U1	IC, LT3825EFE	LINEAR TECH LT3825EFE
1	2	C1,C2	CAP, 1210 22uF 20% 16V X5R	TDK C3225X5R1C226M

2	1	C3	CAP, 1206 470pF 5% 100V COG	AVX 12061A471JAT
3	0	C5	CAP, 1210 OPTION	OPTION
4	1	C19	CAP, 0603 330pF 5% 50V X7R	AVX 06035C331JAT
5	1	C23	CAP, 0603 3.3nF 10% 25V X7R	AVX 06033C332KAT
6	1	C29	CAP, 150uF 20% 16V	SUN ELEC. 16CE150BS
7	0	D7	DIODE, OPTION	OPTION
8	1	L2	IND, 1.0uH	VISHAY IHLP2525CZER1R0M
9	1	Q1	XSTR, MOSFET N-CHANNEL	INFINEON BSC320N20NS
10	1	Q3	XSTR, MOSFET N-CHANNEL	INFINEON BSC028N06NS
11	1	R2	RES, 1206 15 OHMS 5% 1/4W	CRCW120615R0JNTA
12	1	R3	RES, 0603 30.3K OHMS 1% 1/10W	AAC CR16-3092FM
13	2	R6,R11	RES, 1206 160 OHMS 5% 1/4W	VISHAY CRCW1206160RJNEA
14	1	R7	RES, 0805 68 OHMS 5% 1/8W	VISHAY CRCW0805668R0JNEA
15	1	R9	RES, 1206 0.012 OHMS 1% 0.5W	IRC LRC-LRF1206-01-R012-F
16	0	R10	RES, 1206 OPTION	OPTION
17	1	R18	RES, 0603 1.5K OHMS 1% 1/10W	AAC CR16-1501FM
18	1	R22	RES, 0603 7.5K OHMS 5% 1/10W	AAC CR16-752JM
19	0	R27	RES, 0805 OPTION	OPTION
20	1	R28	RES, 0603 0 OHM JUMPER	VISHAY CRCW0603000ZRT6
21	1	T1	XFMR, PA1736NL	PULSE PA1736NL