

Item	Qty	Ref -Des	Desc	Manufacturer's Part Number
1	1	C3	CAP, 1206 2.2nF 20% 100V X7R	AVX 12061C222MAT
2	1	C4	CAP, 1206 100pF 10% 630V COG	TDK C3216COG2J101K
3	0	C6	CAP, 1210 47uF 20% 6.3V X5R OPTION	TDK C3225X5R0J476MT OPTION
4	1	C7	CAP, 4.7nF 10% 250V X7R	MURATA GA343DR7GD472KW01L
5	3	C8,C11,C13	CAP, 0603 0.1uF 10% 50V X7R	TDK C1608X7R1H104K
6	1	C10	CAP, 6032 47uF 20% 20V TANT	AVX TAJC476M020R
7	0	C12	CAP, 0603 470pF 10% 25V NPO OPTION	AVX 06033A471KAT2A OPTION
8	1	C17	CAP, 0603 47pF 10% 25V NPO	AVX 06033A470KAT2A
9	0	C18	CAP, 0603 10nF 10% 25V X7R OPTION	AVX 06033C103KAT OPTION
10	2	C19,C20	CAP, 0603 2.2nF 5% 50V X7R	AVX 06035C222JAT
11	1	C21	CAP, 1206 1uF 20% 25V X7R	AVX 12063C105MAT2A
12	1	C23	CAP, 0603 10nF 10% 25V X7R	AVX 06033C103KAT
13	1	C25	CAP, 1812 2.2uF 10% 100V X7R	TDK C4532X7R2A225K
14	1	C30	CAP, 22uF 100V	SANYO 100ME22AXTS
15	1	D2	DIODE, BAS21-7	DIODES INC. BAS21-7-F
16	1	D5	DIODE, SCHOTTKY	DIODES INC. BAT54-7
17	4	E1,E2,E3,E4	TURRET	MILL-MAX 2501-2
18	1	L1	IND, 4.7uH	VISHAY IHPL2525CZER4R7M01
19	1	Q1	XSTR, MOSFET N-CHANNEL	VISHAY SILICONIX Si4490DY
20	0	Q4	XSTR, MOSFET N-CHANNEL OPTION	VISHAY SILICONIX Si7336ADP OPTION
21	1	Q12	XSTR, PNP	ZETEX FMMT718TA
22	1	Q13	XSTR, NPN	ZETEX FMMT618TA
23	1	R1	RES, 0603 0 OHM JUMPER	VISHAY CRCW0603000ZRT6
24	1	R2	RES, 1206 4.7 OHMS 5% 1/4W	AAC CR18-4R7JM
25	1	R4	RES, 0603 330 OHMS 5% 1/10W	AAC CR16-331JM
26	1	R5	RES, 0603 412K OHMS 1% 1/8W	AAC CR16-4123FM
27	1	R6	RES, 1206 56 OHMS 5% 1/4W	AAC CR18-560JM
28	1	R7	RES, 0805 20 OHMS 5% 1/8W	AAC CR10-200JM
29	1	R8	RES, 1206 47K OHMS 5% 1/4W	AAC CR18-473JM
30	1	R9	RES, 1206 0.02 OHMS 1% 0.5W	IRC LRC-LRF1206-01-R020-F
31	1	R13	RES, 0603 10K OHMS 5% 1/10W	AAC CR16-103JM
32	1	R22	RES, 0603 20K OHMS 5% 1/10W	AAC CR16-203JM
33	1	R14	RES, 0603 15K OHMS 1% 1/10W	AAC CR16-1502FM
34	1	R15	RES, 0603 3.01K OHMS 1% 1/10W	AAC CR16-3011FM
35	1	R16	RES, 0603 169K OHMS 1% 1/10W	AAC CR16-1693FM
36	1	R18	RES, 0603 909 OHMS 1% 1/10W	AAC CR16-9090FM

37	1	R19	RES, 0603 100K OHMS 5% 1/10W	AAC CR16-104JM
38	1	R20	RES, 0603 12K OHMS 5% 1/10W	AAC CR16-123JM
39	1	R26	RES, 0603 15 OHMS 5% 1/10W	AAC CR16-150JM
40	0	R28	RES, 0805 OPTION	OPTION
41	1	T2	XFMR, 1.4mH MIN, 50KHz	PULSE PA0184
42	1	U1	IC, LT3825EFE	LINEAR TECH LT3825EFE
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<i>Item</i>	<i>Qty</i>	<i>Ref -Des</i>	<i>Desc</i>	<i>Manufacturer's Part Number</i>
1	3	C5,C2,C1	CAP, 1210 47uF 20% 6.3V X5R	TDK C3225X5R0J476MT
2	1	C29	CAP, 7343 470uF 20% 6.3V POSCAP	SANYO 6TPD470M
3	1	D7	DIODE, SCHOTTKY	DIODES INC. B0540W-7-F
4	1	L2	IND, 0.1uH	COILTRONICS FP2S-100-R
5	1	Q3	XSTR, MOSFET N-CHANNEL	VISHAY SILICONIX Si7336ADP
6	1	R3	RES, 0603 28.7K OHMS 1% 1/10W	VISHAY CRCW06032872FRT6
7	1	R27	RES, 0805 47 OHMS 5% 1/8W	VISHAY CRCW0805470JRT6
8	0	R28	RES, 0805 OPTION	OPTION
9	1	T1	XFMR, PA1477NL	PULSE PA1477NL

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1	3	C5,C2,C1	CAP, 1210 47uF 20% 6.3V X5R	TDK C3225X5R0J476MT
2	1	C29	CAP, 7343 470uF 20% 6.3V POSCAP	SANYO 6TPD470M
3	1	D7	DIODE, SCHOTTKY	DIODES INC. B0540W-7-F
4	1	L2	IND, 0.1uH	COILTRONICS FP2S-100-R
5	1	Q3	XSTR, MOSFET N-CHANNEL	VISHAY SILICONIX Si7336ADP
6	1	R3	RES, 0603 42.2K OHMS 1% 1/10W	AAC CR16-4222FM
7	1	R27	RES, 0805 47 OHMS 5% 1/8W	VISHAY CRCW0805470JRT6
8	0	R28	RES, 0805 OPTION	OPTION
9	1	T1	XFMR, TBD	PULSE PA????NL TBD

<i>Item</i>	<i>Qty</i>	<i>Ref -Des</i>	<i>Desc</i>	<i>Manufacturer's Part Number</i>
1	2	C2,C1	CAP, 1210 22uF 20% 16V X5R	TDK C3225X5R1C226M
2	0	C5	CAP, 1210 OPTION	OPTION
3	1	C29	CAP, 7343 47uF 20% 16V POSCAP	SANYO 16TQC47M
4	0	D7	DIODE, OPTION	OPTION
5	1	L2	IND, 1.0uH	VISHAY IHLP2525CZER1R0M
6	1	Q3	XSTR, MOSFET N-CHANNEL	VISHAY SILICONIX Si4470EY
7	1	R3	RES, 0603 30.9K OHMS 1% 1/10W	AAC CR16-3092FM
8	0	R27	RES, OPTION	OPTION
9	1	R28	RES, 0603 0 OHM JUMPER	VISHAY CRCW0603000ZRT6
10	1	T1	XFMR, TBD	PULSE PA????NL TBD