

Item	Qty	Reference	Part Description	Manufacture / Part #
REQUIRED CIRCUIT COMPONENTS				
1	1	CC1	CAP., X7R, 6800pF 50V, 0805	AVX, 08055C682MAT2A
2	2	CDC1,CDC2	CAP., X7R, 10uF 25V, 1812	TDK, C4532X7R1E106M
3	3	CIN1,CIN2,CIN3	CAP., X5R, 22uF 25V, 1812	TDK, C4532X5R1E226M
4	4	COUT1,COUT2,COUT3,COUT4	CAP., X5R, 33uF 16V, 1812	TDK, C4532X5R1C336M
5	1	CVCC	CAP., X5R, 4.7uF 10V, 0805	AVX, 0805ZD475MAT2A
6	3	C3,C5,C6	CAP., X7R, 0.1uF 50V, 0805	AVX, 08055C104MAT2A
7	1	D1	DIODE, SCHOTTKY RECTIFIER 10A, POWERDI5	DIODES INC., PDS1040
8	1	L1	IND., 4.7uF, L-DRQ127	COILTRONICS, DRQ127-4R7-R
9	1	Q1	MOSFET, N-CH, POWER, LPAK	RENESAS, HAT2169H
10	1	Q3	XTOR, NPN, GENERAL, BC847BF, SOT490	PHILLIPS SEMI., BC847BF
11	1	R10	RES., CHIP 33.2K 1/16W 1%, 0805	AAC, CR10-3322FM
12	1	RT	RES., CHIP 80.6K 1/16W 1%, 0805	AAC, CR10-8062FM
13	1	R1	RES., CHIP 274K 1/16W 1%, 0805	VISHAY,CRCW0805274KFKEA
14	2	R3,RC1	RES., CHIP 12.4K 1/16W 1%, 0805	AAC, CR10-1242FM
15	1	R4	RES., CHIP 110K 1/16W 1%, 0805	VISHAY, CRCW0805110KFKEA
16	1	R5	RES., CHIP 133K 1/16W 1%, 0805	VISHAY, CRCW0805133KFKEA
17	1	R9	RES., CHIP 10K 1/16W 5%, 0805	AAC, CR10-103JFM
18	1	R7	RES., CHIP 47 1/16W 5%, 0805	AAC, CR10-470JM
19	1	R8	RES., 0.005 OHMS 1/5W, 1%, 2010	VISHAY, WSL20105L000FEA
20	1	R11	RES., CHIP 18K 1/16W 5%, 0805	VISHAY, CRCW080518K0JNEA
21	1	U1	IC, LTC1871EMS-1, MS10	LINEAR TECH., LTC1871EMS-1
ADDITIONAL DEMO BOARD CIRCUIT COMPONENTS				
1	0	CC2,C4	CAP., 0805	OPT
2	1	CIN4	CAP., ALUM., 680uF 35V 10%, 12.5X13.5	SANYO, 35CE680AX
3	1	CSYS	CAP., ALUM., 150uF 16V	NIPPON CHEMI-CON, APXE160ARA151MH80G
4	1	D2	DIODE, VOLTAGE REGULATOR, SOD323	PHILIPS SEMI., PDZ10B
5	1	Q2	XTOR, NPN, HIGH VOLTAGE, FZTA42, SOT223	ZETEX, FZTA42
6	0	R2	RES., 0805	OPT
7	1	R6	RES., CHIP 10K 1/16W 5%, 0805	AAC, CR10-103JFM
HARDWARE FOR DEMO BOARD ONLY				
1	4	E1,E2,E3,E4	TP, TURRET, .094"	MILL-MAX, 2501-2-00-80-00-00-07-0
2	3	JP1,JP2,JP3	JMP, 3PIN 1 ROW .079CC	SAMTEC, TMM-103-02-L-S
3	3	SHUNTS JP1-JP3 (1&2)	SHUNT, .079" CENTER	SAMTEC, 2SN-BK-G
4	4	MTG 4 CORNERS	STAND-OFF, NYLON (SNAP ON), 0.25" TALL	KEYSTONE, 8831
5	2		STENCILS FOR BOTH SIDES	DC1225A-1