

DEMO CIRCUIT 1441A				
Item	Qty	Reference	Part Description	Manufacture's Part Number
REQUIRED CIRCUIT COMPONENTS				
1	1	C11	CAP, 0805 4.7μF 10% 10V X5R	TAIYO YUDEN LMK212BJ475KG-T
2	3	C14,C15,C41	CAP, 0603 1nF 10% 50V X7R	AVX 06035C102KAT
3	2	C17,C50	CAP, 0603 1μF 10% 16V X5R	AVX 0603YD105KAT
4	4	C2,C20,C21,C47	CAP, 0603 0.1μF 10% 25V X7R	TDK C1608X7R1E104K
5	2	C32,C36	CAP, 0805 10μF 10% 10V X5R	MURATA GRM21BR61A106KE19
6	2	C42,C43	CAP, 0603 150pF 10% 25V X7R	AVX 06033C151KAT
7	1	C44	CAP, 0603 1.5nF 10% 50v X7R	AVX 06033C152KAT
8	1	CIN1	CAP, 270uF 20% 16V OSCON	SANYO OSCON 16SVPC270M
9	2	CIN2,CIN3	CAP, 1210 10μF 10% 25V X5R	MURATA GRM32DR61E106KA12L
10	2	COUT1,COUT4	CAP, 1206 100μF 20% 6.3V X5R	MURATA GRM31CR60J107ME39L
11	4	COUT2,COUT3,COUT5,COUT6	CAP, 7343 330μF 20% 2.5V POSCAP	SANYO 2R5TPE330M9
12	2	D1,D2	DIODE,CMDSH-3 SOD323	CENTRAL CMDSH-3TR
13	2	L1,L2	IND, 0.4μH	VITEC 59PR9875
14	2	Q1,Q3	XSTR, N-CHANNEL MOSFET	RENESAS RJK0305DPB
15	2	Q2,Q4	XSTR, N-CHANNEL MOSFET	RENESAS RJK0330DPB
16	1	R18	RES, 0603 2.2Ω 5% 1/10W	VISHAY CRCW06032R20JNEA
17	1	R27	RES, 0603 40.2KΩ 1% 1/10W	VISHAY CRCW060340K2FKEA
18	4	R29,R30,R39,R40	RES, 0603 100Ω 5% 1/10W	VISHAY CRCW0603100RJNEA
19	7	R3,R9,R10,R11,R25,R36,R70	RES, 0603 0Ω JUMPER	VISHAY, CRCW06030000Z0EA
20	1	R31	RES, 0603 18.2KΩ 1% 1/10W	VISHAY CRCW060318K20FKEA
21	4	R32,R33,R43,R68	RES, 0603 20KΩ 1% 1/10W	VISHAY CRCW060320K0FKEA
22	1	R35	RES, 0603 5.49KΩ 1% 1/10W	VISHAY CRCW06035K49FKEA
23	2	R64,R65	RES, 0603 10Ω 5% 1/10W	VISHAY CRCW060310R0JNEA
24	3	R7,R46,R66	RES, 0603 100KΩ 1% 1/10W	VISHAY CRCW0603100KFKEA
25	2	RS2,RS1	RES, 2010 0.002Ω 1% 1/2W	VISHAY WSL20102L000FEA
26	1	U1	IC, LTC3855EUJ	LINEAR TECH. LTC3855EUJ

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ADDITIONAL CIRCUIT COMPONENTS				
1	0	C37,C38,C48,C49,C51,C52	CAP, 0603	
2	0	CIN5,CIN4	CAP, 1210	
3	0	D4,D3	DIODE, SCHOTTKY	
4	0	Q5,Q6,Q7,Q8	MOSFET, LFAK / POWER-PAK	
5	0	R2,R12,R26,R28,R34,R37, R38,R41,R42,R44,R45,R47, R49-R53,R55-R63,R67,R69	RES, 0603	
6	0	RN1,RN2,RN3	THERMISTOR, 0603/0805	
HARDWARE				
1	14	E1-E6,E9-E16	TURRET	MILL-MAX 2501-2-00-80-00-00-07-0
2	6	J1-J6	JACK, BANANA	KEYSTONE 575-4
3	2	JP1,JP2	HEADER, 3PIN, 2mm	SAMTEC TMM-103-02-L-S
4	4	JP1-JP4	SHUNT, 2mm	SAMTEC 2SN-BK-G
5	2	JP3,JP4	HEADER, 4PIN	SAMTEC TMM-104-02-L-S