

Item	Qty	Reference	Part Description	Manufacturer/Part #
		REQUIRED CIRCUIT COMPONENTS		
1	1	U1	LTC2974	Linear Technology LTC2974CUP
2	7	C1,C2,C3,C4,C6,C8,C9	CAP CERAMIC .10UF 16V X7R 0402	TDK C1005X7R1C104K
3	1	C7	CAP CER .10UF 25V X5R 0402	Taiyo Yuden TMK105BJ104KV-F
4	13	R1,R3,R4,R6,R7,R8,R9, R10,R11,R12,R13,R14,R15	RES 10.0K OHM 1/10W 1% 0402 SMD	Panasonic - ECG ERJ-2RKF1002X
		ADDITIONAL DEMO BOARD CIRCUIT COMPONENTS		
5	3	C12,C15, C33	CAP CERAMIC .10UF 16V X7R 0402	TDK C1005X7R1C104K
6	14	C5,C10,C11, C13,C14,C16, C23,C24,C25, C26,C28,C29, C30,C31	CAP .01UF 25V CERAMIC X7R 0402	TDK C1005X7R1E103K
7	4	C17,C20,C21,C22	CAP CER .10UF 25V X5R 0402	Taiyo Yuden TMK105BJ104KV-F
8	1	C18	CAP CER 10UF 16V X5R 0805	Murata Electronics GRM21BR61C106KE15L
9	3	C19,C27,C32	CAP CERAMIC 1UF 25V X5R 0603	AVX 06033D105KAT2A
10	2	D1,D6	LED GREEN S-GW TYPE SMD	Panasonic - SSG LN1371SGTRP
11	4	D2,D3,D4,D5	LED RED S-TYPE GULL WING SMD	Panasonic - SSG LN1271RTR
12	1	D7	DIODE SCHOTTKY 20V 1A SOD323	NXP Semiconductor BAT760,115
13	1	J1	CONN SOCKET 20 DUAL ROW	Mill Max 803-93-020-20-001
14	1	J2	CONN HEADER 12POS 2MM STR DL PCB	FCI 98414-G06-12ULF
15	1	J3	CONN PIN HEADER 20 DUAL ROW	Mill Max 802-40-020-20-001
16	1	J4	CONN FEMALE 50POS DL .1" R/A GOLD	Sullins Connector Solutions PPPC252LJBN-RC
17	1	J5	CONN HEADER VERT .050 4POS	Tyco Electronics 5-104071-7
18	1	Q1	MOSFET P-CH 20V 670MA SOT323-3	Vishay/Siliconix SI1303DL-T1-E3
19	1	Q2	MOSFET N-CH 60V 115MA SOT-23	Fairchild Semiconductor 2N7002
20	1	Q3	MOSFET N-CH DUAL 20V 1.3A SC70-6	Vishay/Siliconix SI1922EDH-T1-E3
21	5	R2,R18,R23, R31,R36	RES 100 OHM 1/10W 1% 0402 SMD	Panasonic - ECG ERJ-2RKF1000X
22	1	R5	RES 5.49K OHM 1/10W 1% 0402 SMD	Panasonic - ECG ERJ-2RKF5491X
23	1	R16	RES 150K OHM 1/10W 1% 0402 SMD	Panasonic - ECG ERJ-2RKF1503X
24	1	R17	RES 49.9K OHM 1/10W 1% 0402 SMD	VISHAY, CRCW040249K9FKED
25	6	R19,R20,R27,R35,R44,R47	RES 100K OHM 1/10W 1% 0402 SMD	Panasonic - ECG ERJ-2RKF1003X
26	2	R21,R43	Do Not Install	Do Not Install
27	2	R22,R29	RES 0.0 OHM 1/10W 0402 SMD	Panasonic - ECG ERJ-2GE0R00X
28	6	R24,R25,R26,R28,R30,R33	Do Not Install	Do Not Install
29	2	R32,R34	RES 4.99K OHM 1/10W 1% 0402 SMD	Panasonic - ECG ERJ-2RKF4991X
30	1	R37	RES 1.00K OHM 1/16W 1% 0402 SMD	Panasonic - ECG ERJ-2RKF1001X
31	5	R38,R39,R40,R41,R42	RES 300 OHM 1/10W 1% 0402 SMD	Panasonic - ECG ERJ-2RKF3000X
32	1	R45	RES 4.87K OHM 1/10W 1% 0402 SMD	Panasonic - ECG ERJ-2RKF4871X
33	1	R46	RES 16.9K OHM 1/10W 1% 0402 SMD	Panasonic - ECG ERJ-2RKF1692X
34	1	SW4	SWITCH LT TOUCH 6X3.5 100GF SMD	Panasonic - EVQ-PES04K
35	1	U2	IC EEPROM 2KBIT 400KHZ 8TSSOP	Microchip Tech. 24LC025-I/ST
36	1	U3	LT1763 - 500mA, Low Noise, LDO Micropower Regulators	Linear Tech. LT1763CS8-3.3
37	2	U4,U5	IC BUFF/DVR DL NON-INV SC706	Texas Inst. SN74LVC2G07DCKR
38	1	U6	LTC4365 - UV, OV and Reverse Supply Protection Controller	Linear Tech. LTC4365CTS8
		HARDWARE-FOR DEMO BOARD ONLY		
39	2	JP1,JP2	CONN HEADER 4POS 2MM VERT T/H	3M 951104-8622-AR
40	5	JP3,JP4,JP5, JP6,JP7	CONN HEADER 3POS 2MM VERT T/H	SULLIN, NRPN031PAEN-RC
41	4	SW1,SW2, SW3,SW0	SW SLIDE DPDT 6VDC 0.3A PCMNT	C&K Components JS202011CQN
42	15	TP1,TP2,TP3,TP4,TP5,TP6,T P7,TP8,TP9, TP10,TP11, TP12,TP13, TP14,TP15	TERMINAL TURRET DBL .084"L	MILL-MAX, 2308-2-00-80-00-00-07-0
43	7	SHUNT1, SHUNT2, SHUNT3, SHUNT4, SHUNT5, SHUNT6, SHUNT7	CONN SHUNT 2MM 2POS	SAMTEC 2SN-BK-G
44	4	MH1, MH2, MH3, MH4	STAND-OFF NYLON 1/2" SNAP IN	KEYSTONE 8833