

Linear Technology Corporation

LTC2992IDE

Bill Of Materials

Demo Bd. #2561A-1

10/10/2017 9:48 AM

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	425
1	5	C1-C5	CAP., 0.1uF, X7R, 100V, 10%, 1206	AVX, 12061C104KAT2A	2125
2	0	D1,D2 (OPT)	DIODE, TVS, 70V, 400W, SMA	DIODES INC., SMAT70A-13-F	0
3	2	D3,D4	DIODE,SCHOTTKY,30V,200mA,SOT-23	DIODES INC, BAT54C-7-F	850
4	24	E1-E24	TEST POINT,TURRET, 0.064", MTG. HOLE	MILL-MAX, 2308-2-00-80-00-00-07-0	10200
5	6	J1,J2,J3,J4,J5,J6	CONN.,BANANA JACK,FEMALE,THT,NON-INSULATED, SWAGE	KEYSTONE, 575-4	2550
6	1	J7	CONN., HDR., MALE, 2x7, 2mm, THT, VERT,SHROUDED	MOLEX, 87831-1420	425
7	3	JP1,JP2,JP3	CONN., HDR., MALE, 2X3, 2mm, THT,STR	Wurth Elektronik, 62000621121	1275
8	4	JP4,JP5,JP6,JP7	CONN., HDR., MALE, 1X3, 2mm, THT,STR	Wurth Elektronik, 62000311121	1700
9	3	LED1,LED2,LED3	LED,GREEN,CLEAR,3020 (1208),LED-ROHM-SML-01	ROHM, SML-012P8TT86	1275
10	1	LED4	LED,YELLOW,CLEAR,3020 (1208),LED-ROHM-SML-01	ROHM, SML-012Y8TT86	425
11	1	LED5	LED,RED,CLEAR,3020 (1208),LED-ROHM-SML-01	ROHM, SML-012V8TT86	425
12	1	Q1	XSTR., MOSFET, N-CH, 60V, 210mA, SOT-23, AEC-Q101	DIODES INC., 2N7002-13-F DIODES INC., 2N7002-7-F	425
13	2	RSNS1,RSNS2	RES.,0.01,OHM,1%,1W,SENSE,2010	IRC, LRC-LRF2010LF-01-R010-F TT ELECTRONICS, LRC-LRF2010LF-01-R010-F	850
14	2	R1,R2	RES.,10 OHMS,1%,1/10W,0603	PANASONIC, ERJ3EKF10R0V ROHM, MCR03EZPFX10R0 VISHAY, CRCW060310R0FKEA YAGEO, RC0603FR-0710RL	850
15	1	R3	RES.,49.9 OHMS,1%,1/10W,0603	PANASONIC, ERJ3EKF49R9V VISHAY, CRCW060349R9FKEA	425
16	1	R4	RES.,0 OHM,1/10W,0603	NIC, NRC06ZOTRF VISHAY, CRCW06030000Z0EA	425
17	3	R5,R7,R9	RES.,330 OHMS,1%,1/10W,0603	VISHAY, CRCW0603330RFKEA	1275
18	4	R6,R8,R10,R12	RES.,100k OHMS,1%,1/10W,0603	NIC, NRC06F1003TRF PANASONIC, ERJ3EKF1003V VISHAY, CRCW0603100KFKEA	1700
19	2	R11,R13	RES.,3.3k OHMS,1%,1/10W,0603	VISHAY, CRCW06033K30FKEA	850
20	0	R14,R15	RES., OPTION, 0603	OPT	0
21	2	R16,R17	RES.,147k OHMS,1%,1/10W,0603,AEC-Q200	VISHAY, CRCW0603147KFKEA	850
22	3	R18,R19,R20	RES.,4.99k OHMS,1%,1/10W,0603	NIC, NRC06F4991TRF VISHAY, CRCW06034K99FKEA	1275
23	2	R21,R22	RES.,3k OHMS,1%,1/10W,0603,AEC-Q200	VISHAY, CRCW06033K00FKEA	850

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24	1	U1	IC,Dual Wide Range I2C PwrMonitor,DFN16DE-4X3	LINEAR TECH., LTC2992IDE#PBF LINEAR TECH., LTC2992IDE#TRPBF	425
25	1	U2	IC,EEPROM, I2C,TSSOP-8,2Kb (256 x 8), 400kHz	MICROCHIP, 24LC024-I/ST	425
26	7	SHUNTS ON JP1-JP7 AS SHOWN ON ASSY DWG	CONN., SHUNT, FEMALE, 2 POS, 2mm	Würth Elektronik, 60800213421	1700
27	4	MH1,MH2,MH3,MH4	STANDOFF,NYLON,SNAP-ON,0.50"	KEYSTONE, 8833	850
28	2	STENCILS FOR BOTH SIDES	STENCILS (TOP & BOTTOM)	DC2561A-1	2