

# ANALOG DEVICES

LT3950JMSE#PBF

Bill Of Materials

DC2788A

QTY- 325

5/19/2020

Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
			<b>NUMBER OF BOARDS =</b>	<b>325</b>
2	C1,C11	CAP., X5R,1uF,50V, 10% 0402	TAIYO YUDEN, UMK105CBJ105KV-F	650
1	C5	CAP.,4.7uF,X7S,100V,20%,1206	MURATA, GRM31CC72A475ME11L	325
1	C6	CAP., ALUM, 22uF, 50V, SMD AEC-Q200	PANASONIC, EEH-ZC1H220P	325
1	C9	CAP.,270pF,C0G,50V,5%,0402	MURATA, GRM1555C1H271JA01	325
0	C12	CAP., OPTION, 0603		0
2	C14,C21	CAP., X7R, 0.1uF, 50V, 10% 0402	MURATA, GRM155R71H104KE14D	650
1	C20	CAP.,4.7uF,X7R,50V,10%,1206	MURATA, GRM31CR71H475KA12L	325
0	C22 (OPT)	CAP.,OPT,1206	(OPT)	0
1	D1	DIODE, SCHOTTKY 60V 1A SOD123F (DC)	NEXPERIA, PMEG6010CEH,115	325
4	E1,E2,E4,E10	TESTPOINT, TURRET, .094" pbf	MILL-MAX, 2501-2-00-80-00-00-07-0	1300
6	E3,E5,E6,E7,E8,E9	TESTPOINT, TURRET, .061" pbf	MILL-MAX, 2308-2-00-80-00-00-07-0	1950
1	FB1	FERRITE BEAD, 600OHM, 0805, 1LN	WURTH, 7427920415	325
1	FB2	FERRITE BEAD, 1.5 KOHM 0805 1LN	WURHT, 742792097	325
3	JP1,JP2,JP3	HEADER 3X2 0.079 DOUBLE ROW	WURTH, 62000621121	975
3	XJP1,XJP2,XJP3	SHUNT, .079" CENTER	WURTH, 60800213421	975
1	L1	FIXED INDUCTOR, 6.8uH,PWR,20%,1.6A,168m	WURTH, 74438336068	325
1	M1	MOSFET P-CH 60V 1.6A SOT23-3	VISHAY, SI2309CDS-T1-GE3	325
0	Q1	MOSFET, OPT	(OPT)	0
1	R1	RES.,0.75 OHM,1%,1/3W,0805,SHORT-SIDE TE	SUSUMU, RL1220S-R75-F	325
0	R2,R12	RES.,TBD,0402 (TBD)	(TBD)	0
1	R3	RES.,499K, 1%, 1/16W, 0402	VISHAY, CRCW0402499KFKED	325
2	R4,R10	RES.,100K, 1%, 1/16W, 0402	VISHAY, CRCW0402100KFKED	650
1	R5	RES.,49.9k OHMS,1%,1/16W,0402,AEC-Q200	VISHAY, CRCW040249K9FKED	325
1	R6	RES.,62k OHMS,1%,1/16W,0402,AEC-Q200	VISHAY, CRCW040262K0FKED	325
1	R7	RES.,1M OHMS,1%,1/16W,0402,AEC-Q200	VISHAY, CRCW04021M00FKED	325
1	R8	RES.,41.2k OHMS,1%,1/16W,0402,AEC-Q200	VISHAY, CRCW040241K2FKED	325
1	R9	RES.,100k OHMS,1%,1/10W,0603,AEC-Q200	VISHAY, CRCW0603100KFKEA	325
1	R11	RES.,0 OHM,1/16W,0402	VISHAY, CRCW04020000Z0ED	325
0	R16,R17,R18 (OPT)	RES.,OPT,0402	(OPT)	0
0	R19,R20 (OPT)	RES.,OPT,0603	(OPT)	0
1	U1	DC/DC CONVERTOR,16-LEAD ,QFN, 3mmX3m	ADI, LT3950JMSE#PBF	325

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1	VR1	TRIMMER 100K OHM 0.25W SMD	BOURNS, 3314J-1-104E	325
1		FAB, PRINTED CIRCUIT BOARD	DEMO CIRCUIT 2788A-1	325
1		STENCIL	STENCIL DC2788A	1