

Linear Technology Corporation

LTC3251EMSE

500mA SPREAD-SPECTRUM, LOW NOISE,
INDUCTORLESS STEP DOWN DC/DC CONVERTER
ENG: RAYMOND Z.

BILL OF MATERIALS

DC506A

6/17/2005

12:54 PM

Item	Qty	Reference	Part Description	Manufacture / Part #
1	1	CIN1	CAP., X5R 10uF 6.3V, 0805	TAIYO YUDEN, JMK212BJ106MG
2	3	C1,C2,CIN2	CAP., X5R 1uF 10V,0603	TAIYO YUDEN, LMK107BJ105MA
3	1	COUT1	CAP., X5R 10uF 6.3V,1206	TAIYO YUDEN, JMK316BJ106ML
4	1	COUT2	CAP., X5R 1uF 6.3V,0603	TAIYO YUDEN, JMK107BJ105MA
5	1	C3	CAP., NPO 4.7pF 50V,0402	AVX, 04025A4R7CAT
6	6	E1,E2,E3,E5,E6,E7	TP, TURRET, .094"	MILL-MAX, 2501-2
7	2	JP1,JP2	JMP, 1X3 PINS, .079	COMM CON, 2802S-03G2
8	2	SHUNTS FOR JP1 AND JP2	SHUNT, 2 PINS, .079"	COMM CON, CCIJ2mm-138G
9	1	R1	RES, 536K 1%, 0402	AAC, CR05-5363FM
10	1	R2	RES, 475K 1%, 0402	AAC, CR05-4753FM
11	2	R3,R4	RES, 10M 5%, 0402	AAC, CR05-106JM
12	1	U1	IC, LTC3251EMSE, MSE10	LINEAR TECH., LTC3251EMSE
13	4	MTG HOLES AT 4 CORNERS	STANDOFF, NYLON HEX #4-40 x 1/4"	MICRO PLASTICS, #14HTSP101
14	4		SCREW, #4-40 x 1/4	ANY
		NOTES: UNLESS OTHERWISE SPECIFIED		
		1. ALL RESISTORS ARE IN OHMS, 0402.		
		2. INSTALL SHUNTS ON JP1 AND JP2 PIN 2 AND 3.		
		3. INSTALL 4 STANDOFF COMPONENTS ON BOTTOM SIDE.		