

**Linear Technology Corporation**  
**LTC3251EMSE**  
500mA SPREAD-SPECTRUM, LOW NOISE,  
INDUCTORLESS STEP DOWN DC/DC CONVERTER  
ENG: RAYMOND Z.

**BILL OF MATERIALS**  
**DC506A**  
**QTY-825**  
10/18/02  
1:33 PM

<i>Item</i>	<i>Qty</i>	<i>Reference</i>	<i>Part Description</i>	<i>Manufacture / Part #</i>	<i>Kit Qty</i>
				<b>NUMBER OF BOARDS =</b>	<b>825</b>
1	1	CIN1	CAP., X5R 10uF 6.3V, 0805	TAIYO YUDEN, JMK212BJ106MG	825
2	3	C1,C2,CIN2	CAP., X5R 1uF 10V,0603	TAIYO YUDEN, LMK107BJ105MA	2475
3	1	COUT1	CAP., X5R 10uF 6.3V,1206	TAIYO YUDEN, JMK316BJ106ML	825
4	1	COUT2	CAP., X5R 1uF 6.3V,0603	TAIYO YUDEN, JMK107BJ105MA	825
5	1	C3	CAP., NPO 4.7pF 50V,0402	AVX, 04025A4R7CAT	825
6	6	E1,E2,E3,E5,E6,E7	TP, TURRET, .094"	MILL-MAX, 2501-2	4950
7	2	JP1,JP2	JMP, 1X3 PINS, .079	COMM CON, 2802S-03G2	1650
8	2	SHUNTS FOR JP1 AND JP2	SHUNT, 2 PINS, .079"	COMM CON, CCIJ2mm-138G	1650
9	1	R1	RES, 536K 1%, 0402	AAC, CR05-5363FM	825
10	1	R2	RES, 475K 1%, 0402	AAC, CR05-4753FM	825
11	2	R3,R4	RES, 10M 5%, 0402	AAC, CR05-106JM	1650
12	1	U1	IC, LTC3251EMSE, MSE10	LINEAR TECH., LTC3251EMSE	825
13	4	MTG HOLES AT 4 CORNERS	STANDOFF, NYLON HEX #4-40 x 1/4"	MICRO PLASTICS, #14HTSP101	3300
14	4		SCREW, #4-40 x 1/4	ANY	3300
		<b>NOTES: UNLESS OTHERWISE SPECIFIED</b>			
		<b>1. ALL RESISTORS ARE IN OHMS, 0402.</b>			
		<b>2. INSTALL SHUNTS ON JP1 AND JP2 PIN 2 AND 3.</b>			
		<b>3. INSTALL 4 STANDOFF COMPONENTS ON BOTTOM SIDE.</b>			