

	A	B	C	D	E	F
1						
2	LINEAR TECHNOLOGY CORP.					
3	DEMO BOARD BILL OF MATERIALS					
4	DUAL 2A STEP-DOWN MODULE REGULATOR					
5	SKU# = DC2568A					
6	IC NO. = LTM4622AV					
7						
8	Item	Qty	Part Reference	Description	Manufacturer	Manufacturer PN
9	1	1	C1	CAP.,2.2uF,X5R,10V,10%,0603	MURATA	GRM188R61A225KE34D
10	2	2	C2,C30	CAP.,10uF,X5R,25V,10%,0805	MURATA	GRM21BR61E106KA73L
11	3	2	C3,C13	CAP.,22uF,X5R,25V,20%,0805	MURATA	GRM21BR61E226ME44L
12	4	2	C8,C28	CAP.,10pF,C0G,25V,5%,0603	AVX	06033A100JAT2A
13	5	2	C10,C32	CAP.,22uF,TANT POLY,25V,20%,7343, D2	PANASONIC	25TQC22MV
14	6	0	C11,C14,C26,C31	CAP., OPTION, 1210		
15	7	0	C15,C22	CAP., OPTION, 0603		
16	8	4	C16,C20,C23,C29	CAP.,4.7uF,X5R,16V,10%,0805	MURATA	GRM219R61C475KE15D
17	9	2	C17,C25	CAP.,47uF,TANT.POLYMER,16V,20%,7343	PANASONIC	16TQC47MW
18	10	2	C21,C24	CAP.,0.1uF,X5R,25V,10%,0603	AVX	06033D104KAT2A
19	11	13	E1-E13	TEST POINT,TURRET,0.094",MTG. HOLE	MILL-MAX	2501-2-00-80-00-00-07-0
20	12	2	JP1,JP2	CONN.,HDR,MALE,1x3,2mm,THT, STR	Würth Elektronik	62000311121
21	13	1	JP3	CONN.,HDR,MALE,2x3,2mm,THT, STR	WURTH ELEKTRONIK	62000621121
22	14	1	LB1	LABEL SPEC, DEMO BOARD SERIAL NUMBER	BRADY	THT-96-717-10
23	15	4	MP1-MP4	STANDOFF,NYLON, SNAP-ON, 0.250"	KEYSTONE	8831
24	16	1	PCB1	PCB, DC2568A	EAGLE ELECTRONICS,	600-DC2568A
25	17	0	R2,R10,R12,R14,R16-	RES., OPTION, 0603		
26	18	4	R9,R15,R24,R25	RES.,100k OHMS,5%,1/10W,0603	VISHAY	CRCW0603100KJNEA
27	19	1	R11	RES.,13.3k OHMS,1%,1/10W,0603	VISHAY	CRCW060313K3FKEA
28	20	1	R13	RES.,0 OHM,1/10W,0603	VISHAY	CRCW06030000Z0EA
29	21	1	R20	RES.,8.25k OHMS,1%,1/10W,0603	VISHAY	CRCW06038K25FKEA
30	22	0	R29	RES., OPTION, 1206		
31	23	1	R30	RES.,0 OHM,1/2W,1206,HIGH POWER	VISHAY	CRCW12060000Z0EAHP
32	24	1	U1	IC,Dual 2A Step-Down uMODULE REG.,LGA	LINEAR TECHNOLOGY	LTM4622AV#PBF
33	25	3	XJP1-XJP3	CONN.,SHUNT,FEMALE,2 POS,2mm	Würth Elektronik	60800213421