

Linear Tech. Corp.  
Demo Circuit 1138A

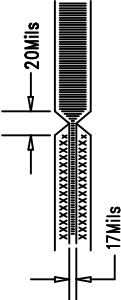
Component Side  
Fabrication Drawing

SIZE	QTY	SYM	PLATED	TOL
190	4	+	YES	+/-0.003
63	13	X	YES	+/-0.003
70	2	□	NO	+/-0.003
35	3	◇	YES	+/-0.003
31	30	⊗	YES	+/-0.003
10	112	⊗	YES	+/-0.003
94	14	⊠	YES	+/-0.003
35	2	⊠	NO	+/-0.003
311	3	⊠	YES	+/-0.003

REVISIONS		
REV	APPR	DATE


NOTES: UNLESS OTHERWISE SPECIFIED:

- ARTWORK P/N Demo Circuit 1138A
- FAB PER IPC-A-600. 6-Layers.
- MATERIAL: EPOXY FIBERGLASS, NEMA GRADE FR-4  
.062 +/- .005 INCH THICKNESS WITH 2 OZ.  
COPPER FINISH ON TWO OUTER LAYERS AND  
1 OZ. COPPER ON FOUR INTERNAL LAYERS.  
FLAMMABILITY RATING: 94 V-2 MINIMUM .
- SIZE: CUT TO DIMENSIONS AND TOLERANCES SHOWN.
- BOARD: SELECTIVE PLATED BOARD. SOLDER  
MASK OVER BARE COPPER, COLOR, GREEN LPI.  
GOLD IMMERSION (ENIG) BOTH SIDES.  
SILKSCREEN COMPONENT SIDE WITH WHITE NON-  
CONDUCTIVE INK.  
PLATE THRU ALL HOLES WITH COPPER  
MIN. PLATING THICKNESS: 1 OZ. EXCEPT  
WHERE PLATING NOT REQUIRED
- DRILL: ALL HOLES SHALL BE DRILLED +/- .003 INCH  
WITH RESPECT TO CTR. OF DRILLED PAD.  
ALL HOLES FINISHED SIZE AFTER PLATING.
- DO NOT ALTER ARTWORK e.g. TO ADD LOGO, DATE CODE OR  
ELECTRICAL TEST STAMP, BUT YOU MAY MODIFY PAD SIZE TO  
MEET END FINISH.
- SCORING FOR PANELIZED PCB: "PRODUCTION RUN ONLY"



- DO NOT ALTER SOLDER MASK MAINTAIN .0018" OVERSIZE  
ON SMT PADS. A .005" WEBBING IS REQUIRED BETWEEN SMD PADS.
- PCB'S ARE TO BE ROHS COMPLIANT.

Fabrication Drawing

APPROVALS				LINEAR TECHNOLOGY	
DRAWN	INIT	DATE			
CHECK	LMJ	10/1/07			
DESIGN					
ENGR	BS				
				TITLE: LTC3557EUF-X	
				USB PWR MGR with Li-Ion CHARGER and 3 STEP-DOWN REGULATORS + LT3505EDD	
				SIZE	REV. A
				NONE	Demo Circuit 1138A-A/B
				DES-	SHT 1 of 1