

Linear Tech. Corp.  
Demo Circuit 1538A  
FAB Drawing

SIZE	QTY	SYM	PLATED	TOL
190	4	+	YES	+/- .003
10	369	X	YES	+/- .003
70	2	□	NO	+/- .003
65	13	◇	YES	+/- .003
31	18	⊗	YES	+/- .003
55	20	⊠	YES	+/- .003

FAB DRAWING

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ON ANGLE ± 1  
2 PLACE ± .01 3 PLACE ± .005  
INTERPRET DIM AND TOL  
PER ASME Y14.5M - 1994

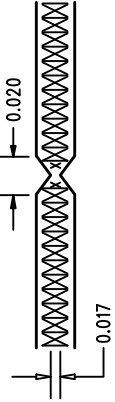


1630 McCarthy Blvd.  
Milpitas, CA 95035  
PH: (408)432-1900

APPROVALS		INIT	DATE
PCB DESIGNER	N.Carlane		8/13/09
ENGINEER	L.Bourque		8/14/09
CHECK			
SCALE = NONE			

TITLE:		LT6350CMS8 Low Noise SAR ADC Driver	
SIZE	A	DEMO	DC1538A
REV.	A		
SHT 1 of 1			

REVISIONS		
REV	DESCRIPTION	DATE

- ARTWORK P/N DEMO CIRCUIT 1538A
1. FAB PER IPC-A-600. PCBs ARE TO BE ROHS COMPLIANT.
  2. MATERIAL: EPOXY FIBERGLASS, NEMA GRADE FR-4.  
2 OZ. COPPER FINISH ON OUTER LAYERS.  
1 OZ. COPPER FINISH ON INNER LAYERS.  
THICKNESS .062 +/- .006 TOTAL OF 4 LAYERS.  
FLAMMABILITY RATING: 94 V-0 MINIMUM .  
0.00 ARE PRIMARY DATUMS.
  3. SIZE: DIMENSIONS AND TOLERANCES SHOWN.
  4. DRILLING: DRILL HOLES PER SCHEDULE. PLATE THROUGH HOLES WITH COPPER, .001 INCH THICK MIN. ALL HOLE SIZES ARE SPECIFIED AFTER PLATING.  
HOLE LOCATION TOLERANCES ARE +/- .003 INCH IN RELATION TO CENTER  
INCH IN RELATION TO CENTER  
5. FINISH: SMOBC USING LPI BOTH SIDES COLOR GREEN.  
GOLD IMMERSION BOTH SIDES.
  6. SILKSCREEN : USING WHITE NON-CONDUCTIVE EPOXY INK.
  7. DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE, OR ET STAMP. BUT YOU MAY MODIFY PAD SIZE TO MEET END FINISH.
  8. SCORING: (FOR PRODUCTION RUN ONLY)  

  9. DO NOT ALTER SOLDER MASK MAINTAIN .0018" OVERSIZE ON SMT PADS. A .005" WEBBING IS REQUIRED BETWEEN SMD PADS.
  10. BOARDS WILL BE SERIALIZED USING BOTTOM SILKSCREEN DIGITS 8888.
  11. CONTROLLED 50 OHM IMPEDANCE FOR LAYER 1 TRACE WIDTHS OF 30 MILS.

⑫ SUBJECT TO CHANGE BY MANUFACTURER, DEPENDING ON DIELECTRIC CONSTANT DEVIATIONS. PLEASE CONSULT LTC.