

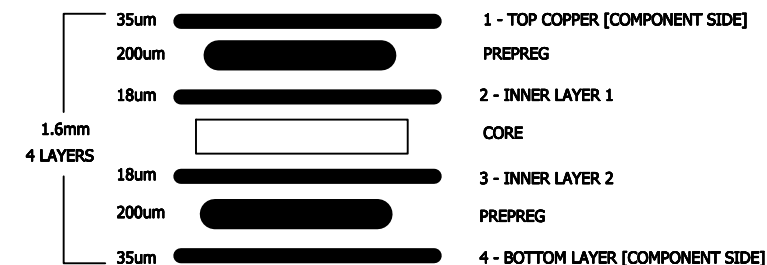
REVISION HISTORY				
ECO	REV	DESCRIPTION	APP. ENG.	DATE
D00398	1	1st Prototype	E Benedict	15 Nov 16

NOTES: UNLESS OTHERWISE SPECIFIED

- FAB PER IPC-A-600.
- MATERIAL: -LEAD FREE ASSEMBLY COMPLIANT, ISOLA FR-370HA or EQUIVALENT
-FINISHED THICKNESS TO BE 1.6mm
-TOTAL OF 4 LAYERS WITH 1 OZ. Cu ON THE EXTERNAL LAYERS AND 0.5 OZ. Cu ON THE INTERNAL LAYERS.
-FLAMMABILITY RATING: 94 V-0 MINIMUM.
- SIZE: CUT TO DIMENSIONS AND TOLERANCES SHOWN.
0.00 ARE PRIMARY DATUMS.
- DRILLING: -DRILL HOLES PER SCHEDULE. PLATE THROUGH HOLES WITH COPPER, 25um THICK MIN.
-ALL HOLE SIZES ARE SPECIFIED AFTER PLATING.
-HOLE LOCATION TOLERANCES ARE ±75um IN RELATION TO CENTER
- FINISH: -SMOBC USING LPI BOTH SIDES, COLOR GREEN.
-GOLD IMMERSION (ENIG) BOTH SIDES.
-FOR SILKSCREEN: BOTH SIDES USE WHITE NON-CONDUCTIVE INK.
- DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE.
PAD SIZE CAN BE MODIFIED TO MEET END FINISH.
- PCBS ARE TO BE RoHS COMPLIANT.
- DESIGN HAS NON-SOLDER MASK DEFINED PADS ON U7 AND U12
U7 SOLDER MASK SIZE IS 680um AND PAD SIZE IS 500um
U12 SOLDER MASK SIZE IS 410um AND PAD SIZE IS 350um
DO NOT CHANGE ANY SIZE ON THESE COMPONENTS
- SCORING FOR PANELIZED PCB:

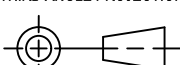



LAYER STRUCTURE



PCB FABRICATION # 600-DC2589 REV01

SIZE	QTY	SYM	PLATED	TOL
0.85	12	+	YES	+/-0.0
0.9	14	×	YES	+/-0.0
1.05	57	□	YES	+/-0.0
4.9	4	◇	NO	+/-0.0
0.254	183	⊗	YES	+/-0.0
0.2032	55	⊗	YES	+/-0.0

<div>UNLESS OTHERWISE SPECIFIED</div> <div>DIMENSIONS ARE METRIC TOLERANCES:</div> <div><0.5mm = ±0.05mm</div> <div>0.5 - 6mm = ±0.1mm</div> <div>6 - 30mm = ±0.2mm</div> <div>30 - 120mm = ±0.3mm</div> <div>INTERPRET DIM AND TOL PER ASME Y14.5M-1994</div> <div>THIRD ANGLE PROJECTION</div> <div></div>		<div>APPROVALS</div> <div>PCB DES. EB</div> <div>APP ENG. EB</div> <div></div> <div></div> <div></div> <div></div> <div>SCALE = NONE</div>		<div> LINEAR TECHNOLOGY</div> <div>TITLE: FABRICATION DRAWING</div> <div>DEMO CIRCUIT</div> <div>100MHz DAC - SPI SERIAL INTERFACE</div> <div>SIZE N/A</div> <div>IC NO. LTM2895IY</div> <div>DEMO CIRCUIT DC2589A</div>		<div>1630 MCCARTHY BLVD MILPITAS, CA 95035 PH: (408)432-1900 www.linear.com LTC CONFIDENTIAL- FOR CUSTOMER USE ONLY</div> <div>REV. 1</div> <div>SHT 1 OF 1</div>	