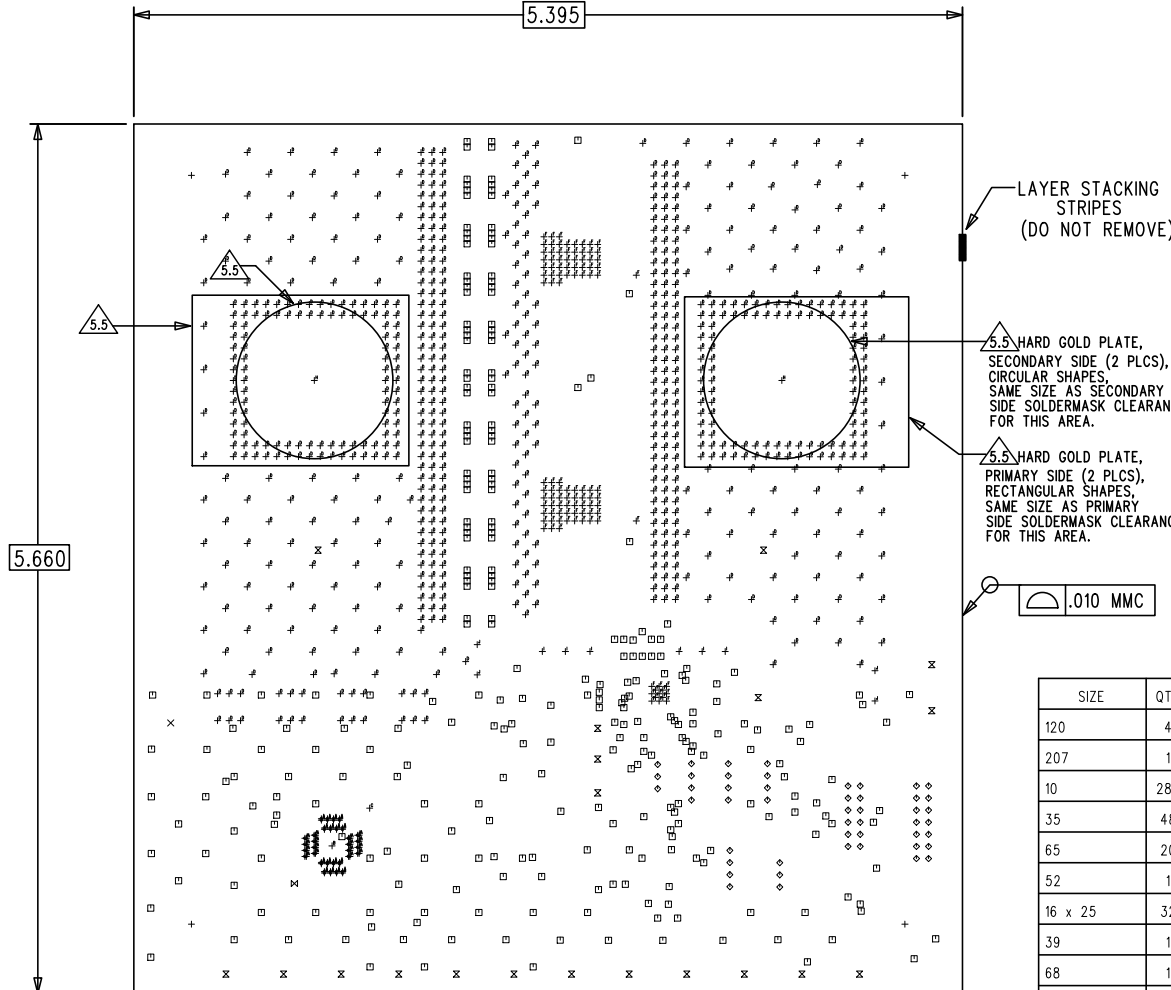


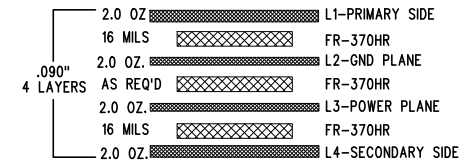
NOTES: UNLESS OTHERWISE SPECIFIED

REVISION HISTORY			
ECO	REV	DESCRIPTION	APP. ENG. DATE
-	5	PRODUCTION	BOB SMITH 2-09-15



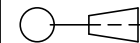
- FAB PER IPC-A-600.
- MATERIAL: -LEAD FREE ASSEMBLY COMPLIANT, FR-370HR OR EQUIVALENT.
-FINISHED COPPER TO COPPER THICKNESS SHALL BE 0.90" +/- 10%
-TOTAL OF 4 LAYERS WITH FINISHED COPPER THICKNESS 2.0 OZ. ALL LAYERS.
-STACKUP AS PER FIG.1, "LAYER STRUCTURE".
-FLAMMABILITY RATING: 94 V-0 MINIMUM.
- SIZE: CUT TO DIMENSIONS AND TOLERANCES SHOWN.
- DRILLING:
 - 4.1 DRILL HOLES PER SCHEDULE, HOLE PLATING 1 OZ THICK MINIMUM.
 - 4.2 ALL HOLE SIZES ARE SPECIFIED AFTER PLATING.
 - 4.3 HOLE LOCATION TOLERANCES AS FOLLOWS:
 - 4.3.1 3 MILS DIAMETER TRUE POSITION TOLERANCE FOR ALL HOLES 68 MILS DIAMETER OR LESS.
 - 4.3.2 6 MILS DIAMETER TRUE POSITION TOLERANCE FOR ALL OTHER HOLES.
 - 4.4 ALL 12 MIL DIAMETER VIAS, QTY 107, SHALL BE IPC 4761 TYPE VII FILLED AND CAPPED VIAS. FILLING SHALL BE NON-CONDUCTIVE.
- FINISH:
 - 5.1 SMOBC USING LPI BOTH SIDES, COLOR GREEN.
 - 5.2 HARD GOLD FLASH FINISH OVERALL, WITH SELECT HARD GOLD PLATE.
 - 5.3 SILKSCREEN LEGENDS SHALL BE WHITE NON-CONDUCTIVE EPOXY INK.
 - 5.4 PAD SIZE CAN BE MODIFIED TO MEET END FINISH.
 - 5.5 SELECT HARD GOLD PLATE ON BOTH SIDES FOR THESE AREAS THAT ARE CLEARED OF SOLDERMASK, 2 PLACES EACH SIDE. THIS PLATING SHALL HAVE MINIMUM 30 MICROINCHES GOLD PER MIL-G-45204, TYPE II, CLASS 1, GRADE C, OVER 200 MICROINCHES LOW STRESS NICKEL PER QQ-N-290, CLASS 2.
- FABRICATOR SHALL NOT ADD LOGO OR DATE CODE TO ARTWORK.
- BOARDS SHALL BE PANELIZED USING ROUTE AND RETAIN METHOD. THERE SHALL BE ONE RETAINING TAB ON EACH BOARD EDGE.
- ELECTRICAL TEST STAMPS SHALL BE ON SECONDARY SIDE ONLY.
- PCBS SHALL BE RoHS COMPLIANT.

FIG. 1
LAYER STRUCTURE




SIZE	QTY	SYM	PLATED	TOL
120	4	+	NO	+/-0.003
207	1	X	YES	+/-0.003
10	284	□	YES	+/-0.003
35	48	◇	YES	+/-0.003
65	20	⊗	YES	+/-0.003
52	1	⊗	NO	+0.003/-0.000
16 x 25	32	⊕	YES	+/-0.003
39	1	⊕	YES	+0.003/-0.000
68	1	⊕	NO	+0.003/-0.000
20	738	⊕	YES	+/-0.003
12	107	⊕	YES	+/-0.003
400	2	⊕	NO	+/-0.003
40	6	⊕	YES	+/-0.003
29.53	4	⊕	YES	+/-0.003

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES:
0.XX" = ±0.01"
0.XXX" = ±0.005"
INTERPRET DIM AND TOL
PER ASME Y14.5M-1994
THIRD ANGLE PROJECTION



APPROVALS	
PCB DES.	M.HAWKINS
APP ENG.	BOB SMITH
SCALE = NONE	

		1630 MCCARTHY BLVD MILPITAS, CA 95035 PH: (408) 432-1900 www.linear.com LTC CONFIDENTIAL- FOR CUSTOMER USE ONLY	
TITLE: FABRICATION DRAWING			
HIGH CURRENT HOT SWAP CONTROLLER WITH I2C COMPATIBLE MONITORING AND EEPROM			
SIZE	IC NO.	LTC4282	REV 5
N/A		DEMO CIRCUIT 2024A	
FILENAME: 630-DC2024A_REV05.PCB		SHT 1 OF 1	