



MICROSEMI		
NAME : SF2-DMPM-DAUGHTER BOARD		
DESIGNER: NAVANEETHA KRISHNAN		
DATE :FEB 2013	JOB : 305-PD-13-0202	REV B
LAYER: FAB	SHEET	

NOTE :
NEED MAXIMUM SPACING BETWEEN LAYER3 AND LAYER4

LAYER STACKUP - 06 LAYER	TRACE WIDTH/ SPACING/TRACE WIDTH inches	IMPEDANCE OHM +/- 10% FOR SINGLE ENDED TRACES
SILKSCREEN (TOP SIDE)		
SOLDERMASK (TOP SIDE)		
LAYER1 -- TOP ROUTING	0.0080	50 OHM SINGLE ENDED
L02_GND1		
L03_SIG	0.0080	50 OHM SINGLE ENDED
L04_PWR		
L05_GND2		
LAYER06-- BOTTOM ROUTING	0.0080	50 OHM SINGLE ENDED
SOLDERMASK (BOTTOM SIDE)		
SILKSCREEN (BOTTOM SIDE)		

REVISIONS	
INITIAL RELEASE	NOV 2012
REVISION	FEB 2013

- NOTES: (UNLESS OTHERWISE SPECIFIED)
- SPECIFICATIONS:
 - FABRICATE AND INSPECT PER IPC-6012, CLASS 2, AQL .25, GENERAL INSPECTION LEVEL 11, IN CONJUNCTION WITH SUPPLIED GERBER FILES.
 - MATERIAL:
 - RAW MATERIAL: 370HR, 94V-1 MIN EPOXY GLASS PER MIL-P-13949, 1 OZ COPPER FOR INNER LAYER, 0.5 OZ, COPPER FOR EXTERNAL LAYER PLATE TO 1 OZ MIN
 - FINISHED BOARD THICKNESS TO BE 62 +/- 7 MIL
 - FINISH:
 - IMMERSION GOLD (ENIG)
 - DRILLING:
 - ALL HOLE DIAMETERS ARE FINISHED SIZES.
 - ALL HOLES TO BE +/- .003 FROM TRUE POSITION UNLESS OTHERWISE SPECIFIED.
 - IMPEDANCE DETAILS: YES / NO
IF YES, SEE LAYER STACK UP FOR DETAILS.
 - SOLDERMASK:
 - APPLY LIQUID PHOTO IMAGABLE (WETFILM) ON BOTH SIDES PER IPC-SM-840, CLASS II, TYPE B, GREEN COLOR.
 - SILKSCREEN:
 - SILKSCREEN USING WHITE NON-CONDUCTIVE EPOXY.
 - MAXIMUM WARP AND TWIST TO BE .005 INCH PER INCH PER IPC-275-D CLASS A.
 - TOOLING HOLE: SHALL BE DRILLED FIRST AND PLUGGED DURING PLATING.
 - COUNTER BORE,COUNTER SINK REQUIREMENT: YES / NO
 - COUNTER BORE xxx MILS HOLE xxx X xx MILS DEEP FROM BOTTOM LAYER AT x PLACES.
 - NO VENDOR LOGO OR NAME ON THE BOARD
 - ALL BOARDS MUST BE NETLIST TESTED USING ROUNDED TEST PINS ONLY,
NO MARKS FROM TEST TO BE VISIBLE ON FINISHED BOARD
 - BOARD MUST BE FREE FROM VOIDS, PITS, SCRATCHES AND RESIDUE SUCH AS DIRT, GREASE ETC.
 - FINISHED BOARDS ARE TO BE INDIVIDUALLY PACKAGED IN CONTAMINANT FREE CLEAR POLYETHYLENE BAGS.
 - THIS BOARD IS ROHS COMPLAINT: YES / NO
 - FOR IMPEDANCE DETAILS REFER STACK UP
 - CLIP SILKSCREEN ON NO MASK AREA
 - ALL HOLES ARE PLATED THRU UNLESS OTHERWISE SPECIFIED
 - ART WORKS SHOULD NOT BE CHANGED WITHOUT PRIOR APPROVAL FROM PACTRON
 - REMOVE UNUSED PADS IN ALL INNER LAYER
 - DEBURR ALL SHARP EDGES
 - OVERALL BOARD BOW SHOULD NOT EXCEED 0.005"

ALL BOARD DIMENSIONS ARE IN INCHES.

<div><div>PACTRON</div><div>3000 Patrick Henry Drive, Santa Clara,CA 95054 408 329 5500 (Phone) 408 747 1239 (fax)</div></div>		
PROJECT NAME	SF2-DMPM-DAUGHTER BOARD	
MICROSEMI PART NUMBER	DVP-101-000401-001	REV : B
ORIGINATOR	NAVANEETHA KRISHNAN	
DATE	FEB_2013	
PACTRON PART NUMBER	305-PD-13-0202	

DRILL CHART: TOP to BOTTOM				
ALL UNITS ARE IN MILS				
FIGURE	SIZE	TOLERANCE	PLATED	QTY
•	10.0	+3.0/-3.0	PLATED	268
•	11.0	+3.0/-3.0	PLATED	64
•	12.0	+3.0/-3.0	PLATED	2093
•	15.0	+3.0/-3.0	PLATED	20
•	31.0	+3.0/-3.0	PLATED	3
•	39.4	+3.0/-3.0	PLATED	24
•	40.0	+3.0/-3.0	PLATED	5
•	40.0	+3.0/-3.0	PLATED	108
•	40.0	+3.0/-3.0	PLATED	11
•	40.0	+3.0/-3.0	PLATED	5
•	41.0	+3.0/-3.0	PLATED	1
•	43.3	+3.0/-3.0	PLATED	10
•	44.0	+3.0/-3.0	PLATED	64
•	51.0	+2.0/-2.0	PLATED	5
•	59.0	+3.0/-3.0	PLATED	2
⊙	106.0	+3.0/-3.0	PLATED	2
X	130.0	+2.0/-2.0	PLATED	6
•	50.0	+2.0/-0.0	NON-PLATED	2
⌀	123.11x44.37	+3.0/-3.0	PLATED	1
∞	123.11x44.37	+3.0/-3.0	PLATED	1
⌀	142.8x44.37	+3.0/-3.0	PLATED	1