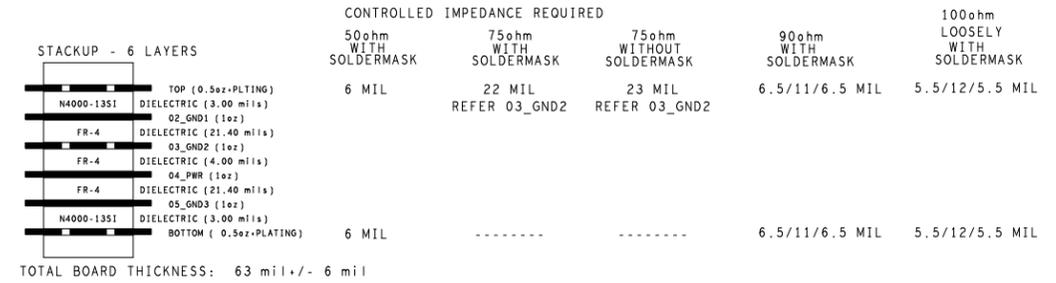
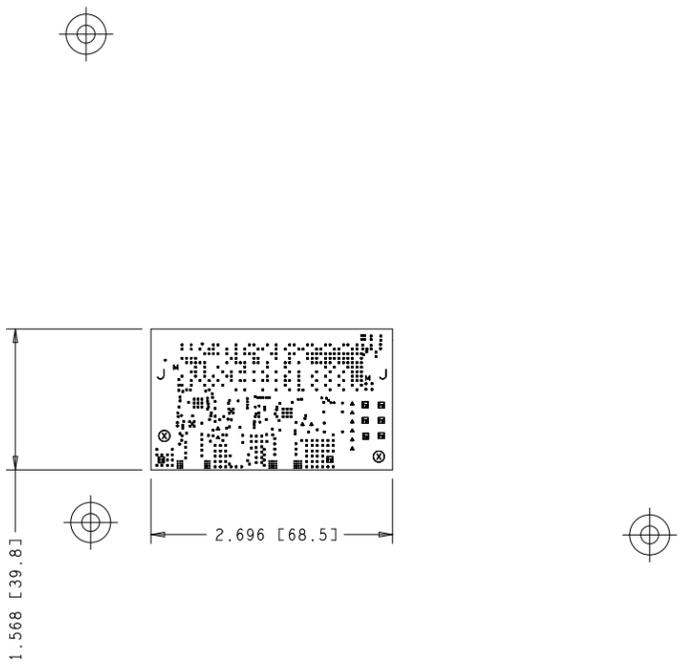


REVISIONS			
REV	DESCRIPTION	DATE	APPROVAL
1	INITIAL RELEASE	JULY 2018	

DRILL CHART: TOP to BOTTOM				
ALL UNITS ARE IN MILS				
FIGURE	SIZE	TOLERANCE	PLATED	QTY
•	8.0	+3.0/-3.0	PLATED	36
•	8.01	DRILL WITH 10 MIL DRILL BIT ONLY	PLATED	6
•	10.0	+3.0/-3.0	PLATED	56
•	10.0	+3.0/-3.0	PLATED	2
•	10.0	+3.0/-3.0	PLATED	13
•	10.0	+3.0/-3.0	PLATED	413
•	10.0	+3.0/-3.0	PLATED	2
▲	40.0	+3.0/-3.0	PLATED	10
■	63.0	+3.0/-3.0	PLATED	8
J	106.0	+3.0/-3.0	PLATED	2
M	50.0	+2.0/-0.0	NON-PLATED	2
⊗	125.0	+2.0/-2.0	NON-PLATED	2



- NOTES: UNLESS OTHERWISE SPECIFIED
- MATERIAL: N4000-13-SI & FR-4
 - GENERAL PLATING - ENIG
 - ALL HOLES ARE PLATED THRU UNLESS OTHERWISE SPECIFIED
MINIMUM PLATING FOR ALL THRU HOLE SHOULD BE 0.001" Cu
 - THROUGH HOLES PLATING THICKNESS SHOULD BE CONTROLLED BETWEEN 1.0 TO 1.5 MILS PER SIDE.
 - SILKSCREEN BOTH SIDES WITH NON-CONDUCTIVE WHITE INK
 - FABRICATE PER DIMENSIONS SHOWN.
 - SOLDER MASK TOP AND BOTTOM SIDES WITH LIQUID PHOTO IMAGABLE OR DRY FILM SOLDER MASK. COLOR GREEN.
 - TOTAL BOARD THICKNESS: 63 mil +/- 6 mil
6 LAYER CONSTRUCTION. REFER STACKUP
 - THEIVING IS OPTIONAL. IF ADDED IT NEED TO BE KEPT AWAY FROM ANY CONDUCTORS BY 300 MIL AFTER APPROVAL FROM PACTRON.
 - THIS IS A ROHS COMPLIANT BOARD
 - BOARD MUST BE UL 94V-1 APPROVED.
 - FABRICATE BOARD PER IPC-A-600D STANDARD.
 - CLIP SILKSCREEN ON NO MASK AREA.
 - IMPEDANCE TOLERANCE SHOULD BE +/- 5% OUTER LAYER .
 - NO VENDOR LOGO, ART WORKS SHOULD NOT BE CHANGED WITHOUT PRIOR APPROVAL FROM PACTRON
 - DEBURR ALL SHARP EDGES
 - REMOVE UNUSED PADS IN ALL INNER LAYERS.
 - BOARD DIMENSIONS ARE IN INCHES[MM]
 - WARP & TWIST: SHALL NOT EXCEED 0.005 INCHES PER INCH
 - TEARDROPS SHOULD NOT BE ADDED ON ANY AREA WITHOUT PRIOR APPROVAL FROM PACTRON.
 - PROVIDE SOFT COPY OF TDR REPORT FOR OUTER LAYERS.
 - ALL THE TRACE WIDTH MENTIONED IN IMPEDANCE TABLE ARE FINISHED TRACE WIDTH THERE SHOULD NOT BE ANY DEVIATIONS IN TRACE WIDTH AFTER MANUFACTURING
 - NICKEL CONTENT ON OUTER LAYERS SHOULD BE VERY MINIMAL POSSIBLE
TRY TO ACHIEVE THICKNESS IN OUTER LAYER METAL WITH MORE COPPER INSTEAD OF MORE NICKEL
 - IF REQUIRED CAN IGNORE THE TRACES THAT ARE <0.5 INCH FOR TDR MEASUREMENT. BUT SETUP NEED TO BE DONE TO MEET IMPEDANCE REQUIREMENT
 - HOLES LESS THAN 12 MIL ARE DRILL SIZES AND NOT FINISHED HOLE SIZES
 - ALL HOLES TO BE +/- .003 FROM TRUE POSITION UNLESS OTHERWISE SPECIFIED
 - ALL 8MIL,8.01MIL,10MIL AND 10.01MIL DRILLS NEED NON CONDUCTIVE VIA PLUGGING
AFTER PLUGGING THESE VIAS SHOULD BE FLAT AND SMOOTH ON BOTH TOP AND BOTTOM SIDES



PACTRON	
DATE: JULY 2018	REV: 1
NAME: PF_VIDEO_KIT_HDSOI_DAUGHTER_BOARD	
FILM LAYER: FAB	

PACTRON		
3000 PATRICK HENRY DRIVE, SANTA CLARA, CA 95054. 408-329-5500(PHONE), 408-747-1239(FAX).		
PROJECT NAME	PF_VIDEO_KIT_HDSOI_DAUGHTER_BOARD_REV-1	REV :1
PART NUMBER	DVP-101-000514-001	
DATE	JULY 2018	
ORIGINATOR	GANESHPRABHU	
PACTRON PART NUMBER	305-PD-18-0329	