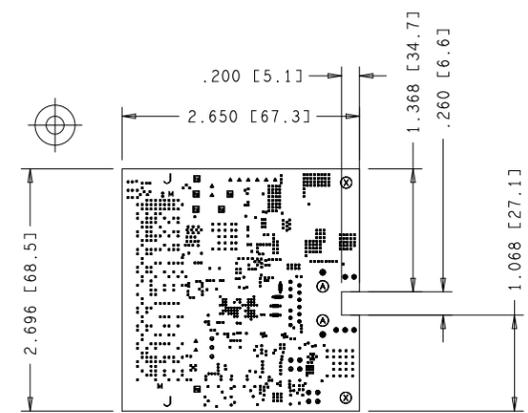
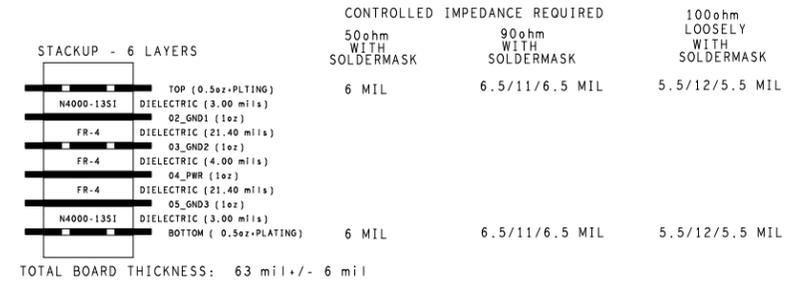


REVISIONS			
REV	DESCRIPTION	DATE	APPROVAL
1	INITIAL RELEASE	JULY 2018	

DRILL CHART: TOP to BOTTOM				
ALL UNITS ARE IN MILS				
FIGURE	SIZE	TOLERANCE	PLATED	QTY
•	8.0	+3.0/-3.0	PLATED	61
•	8.0	+3.0/-3.0	PLATED	22
•	8.01	DRILL WITH 10 MIL DRILL BIT ONLY	PLATED	4
•	10.0	+3.0/-3.0	PLATED	6
•	10.0	+3.0/-3.0	PLATED	698
•	10.0	+3.0/-3.0	PLATED	13
•	10.01	DRILL WITH 12 MIL DRILL BIT ONLY	PLATED	8
•	35.0	+4.0/-0.0	PLATED	12
•	40.0	+3.0/-3.0	PLATED	3
•	40.0	+3.0/-3.0	PLATED	10
•	47.24	+3.0/-3.0	PLATED	8
•	50.0	+4.0/-0.0	PLATED	5
•	62.0	+4.0/-0.0	PLATED	2
⊠	63.0	+3.0/-3.0	PLATED	6
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
⊙	128.0	+2.0/-0.0	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, 10MIL, 12MIL 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_10G_DAUGHTER_BOARD	
FILM LAYER: FAB	

<b>PACTRON</b>		
3000 PATRICK HENRY DRIVE, SANTA CLARA, CA 95054. 408-329-5500(PHONE), 408-747-1239(FAX).		
PROJECT NAME	PF_VIDEO_KIT_10G_DAUGHTER_BOARD	REV :1
PART NUMBER	DVP-101-000513-001	
DATE	JULY 2018	
ORIGINATOR	GANESHPRABHU	
PACTRON PART NUMBER	305-PD-18-0329	