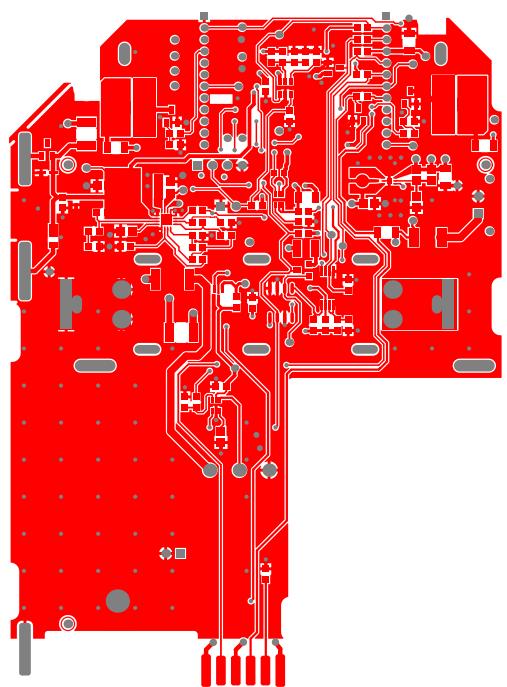
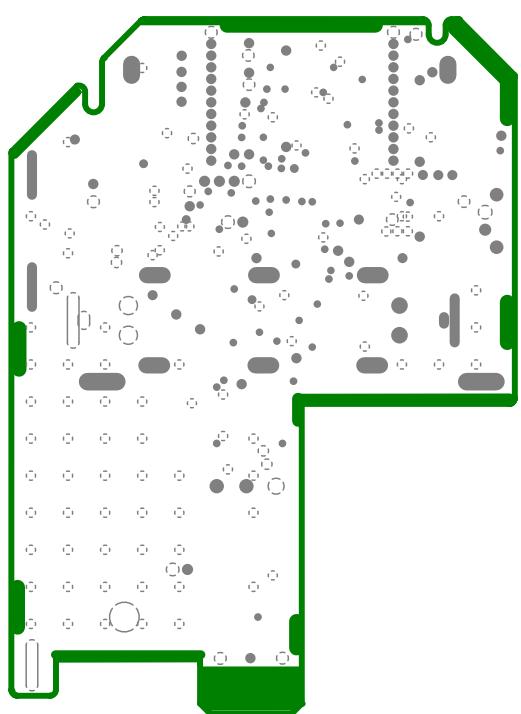


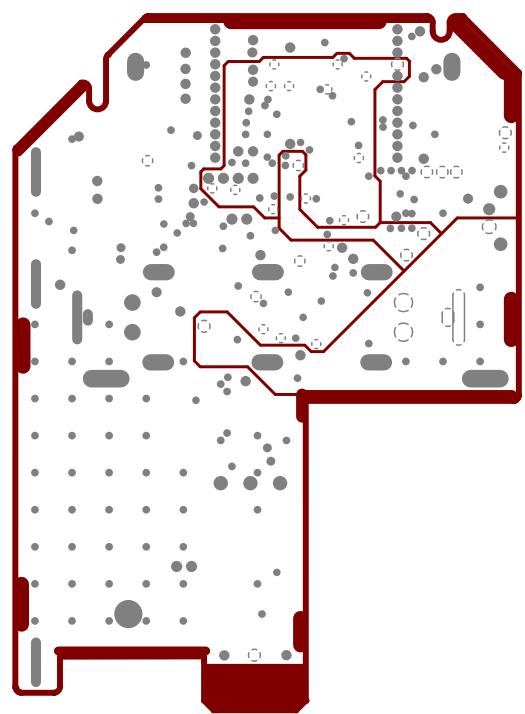
Top Copper Layer



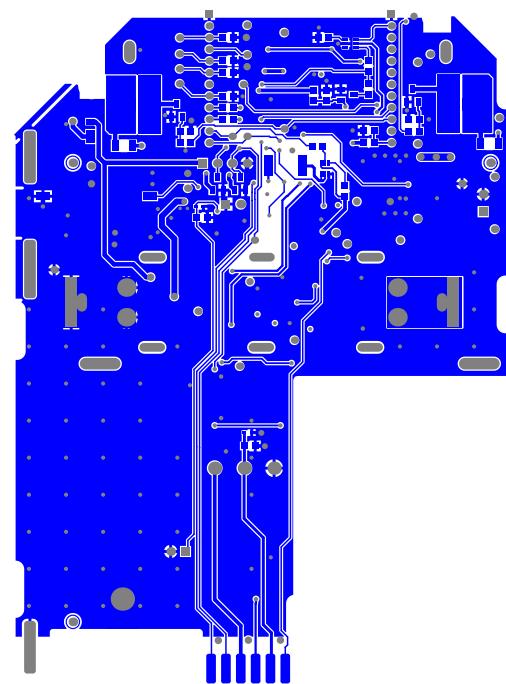
Internal Plane 1 (GND)



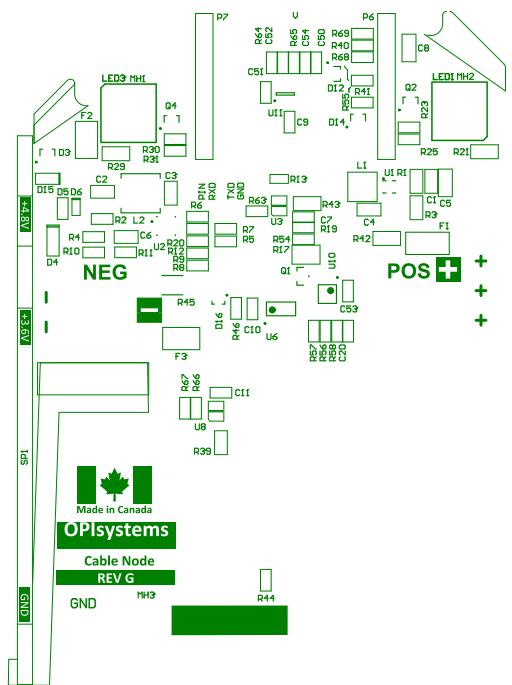
Internal Plane 2 (PWR)



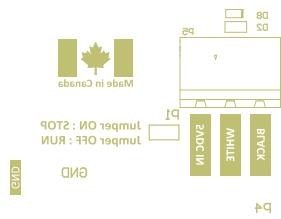
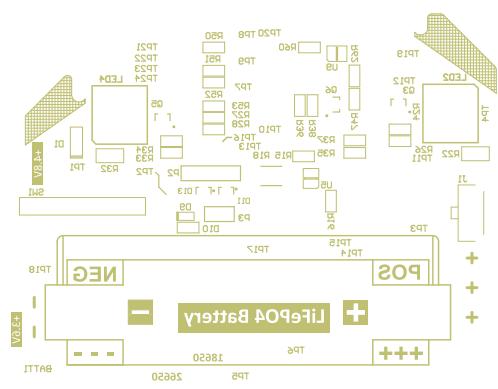
Bottom Copper Layer



Top Silkscreen Layer

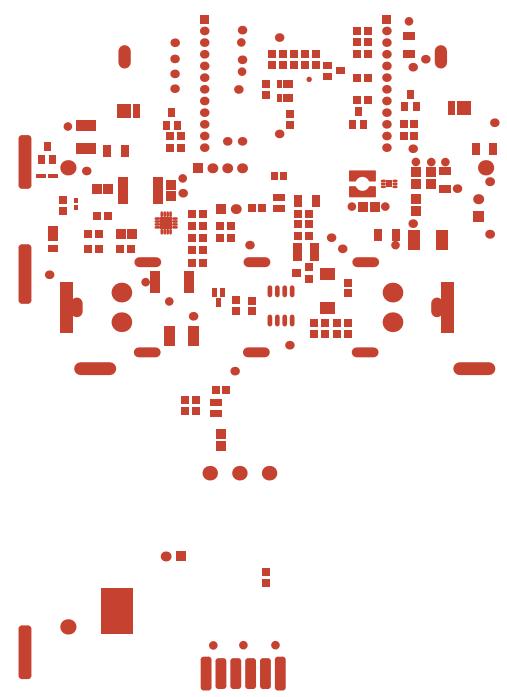


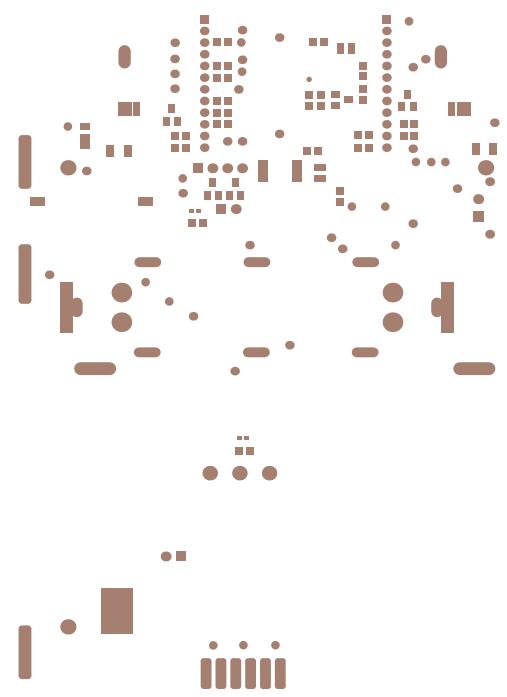
Bottom Silkscreen Layer

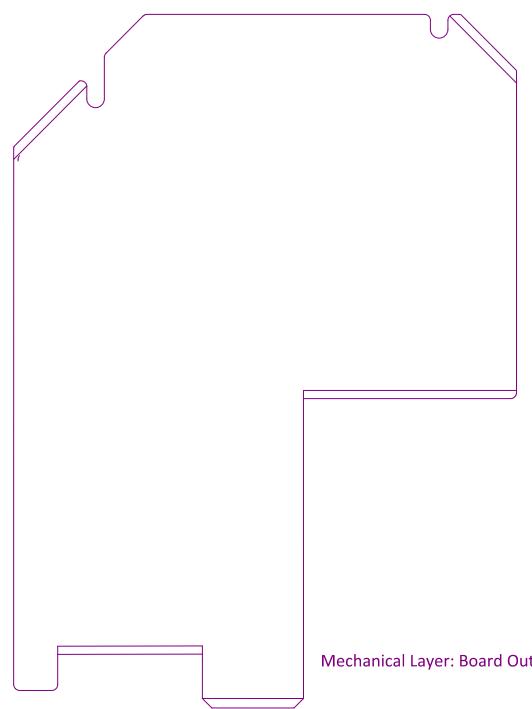


1234567890
1234567890
1234567890
1234567890

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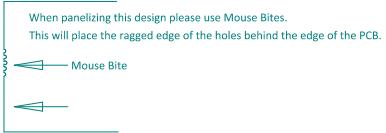




Mechanical Layer: Board Outline

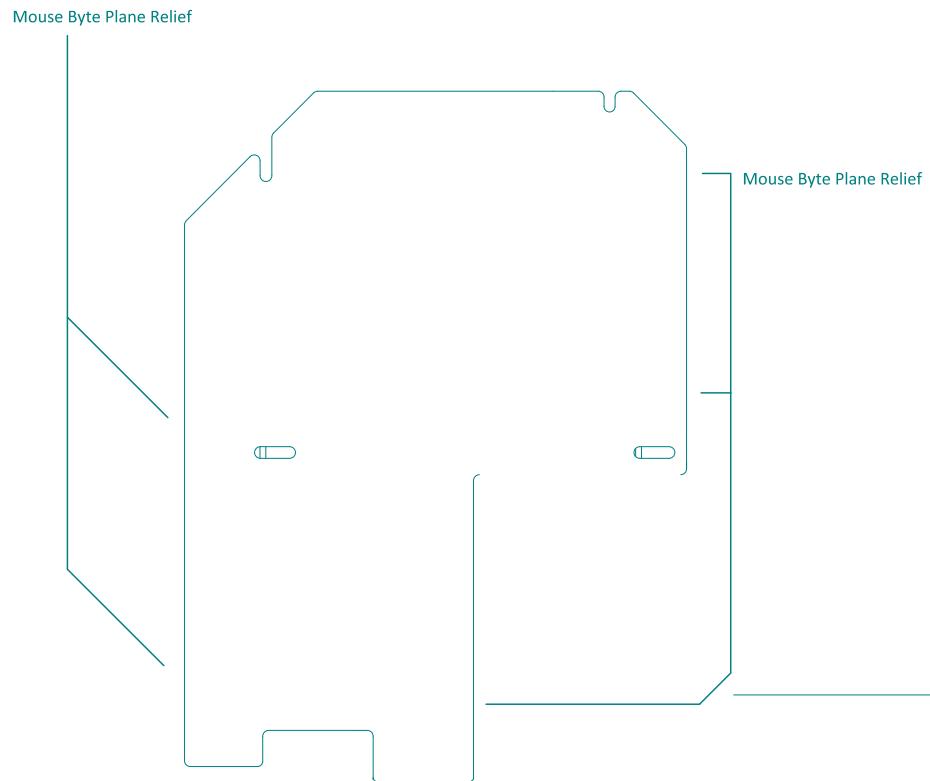
IMPORTANT:

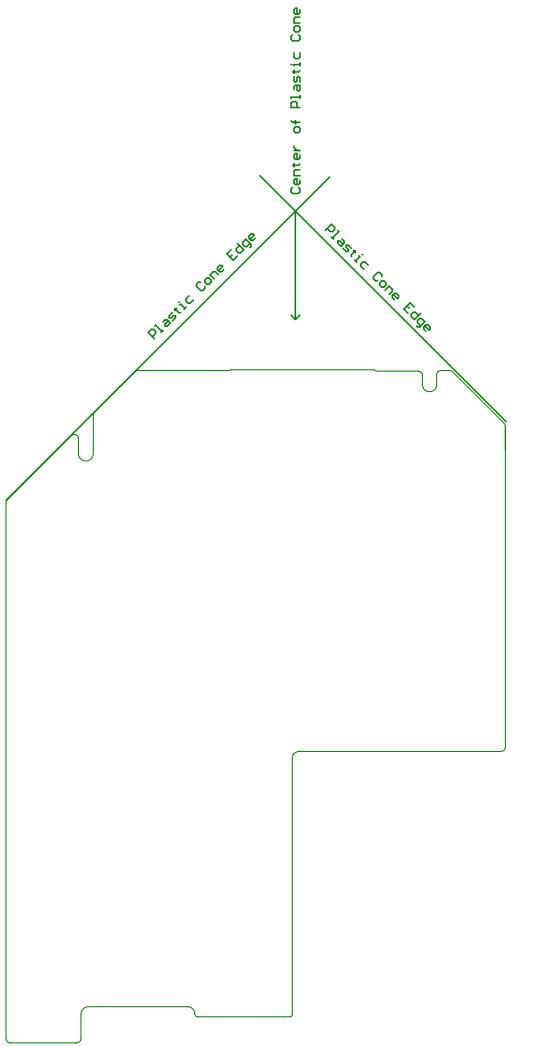
Please make sure that perforated edges of Mouse Bytes are within the edge of the PCB - aka no jagged edges of the byte can exist outside of the PCB edge.



Mechanical 2 Layer: Mouse Bytes Panelization Details

Mechanical 2 Layer - Mouse Bytes Information Layer





Mechanical 3 Layer: Plastic Cone and Radio Center Lineup

PCB edge

Mechanical 4 Layer: Mouse Byte and Chamfer Detail Layer

CHAMFER THIS EDGE

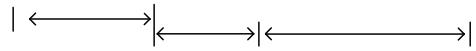


CHAMFER THIS EDGE



Please route 0.040" into the
PCB to remove as much of the
corner radius as possible in the
Y - axis (Vertical).

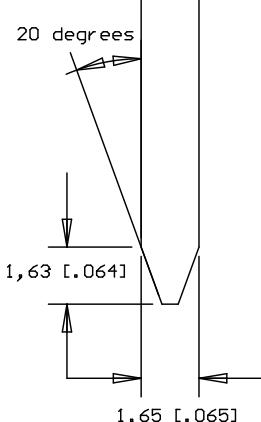
Fit into the plastic enclosure
requires as close to a 90 deg.
clearance as possible.



Chamfer these edge areas

CHAMFER DETAIL - SCALE: 6.0

Direction of PCB Insertion
into plastic enclosure





o o o



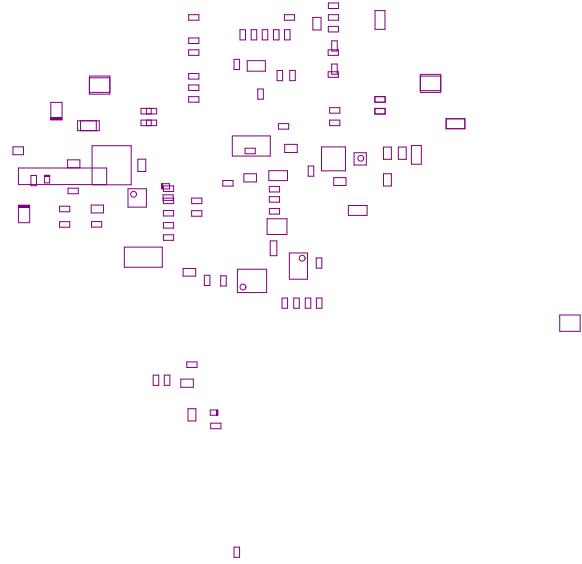
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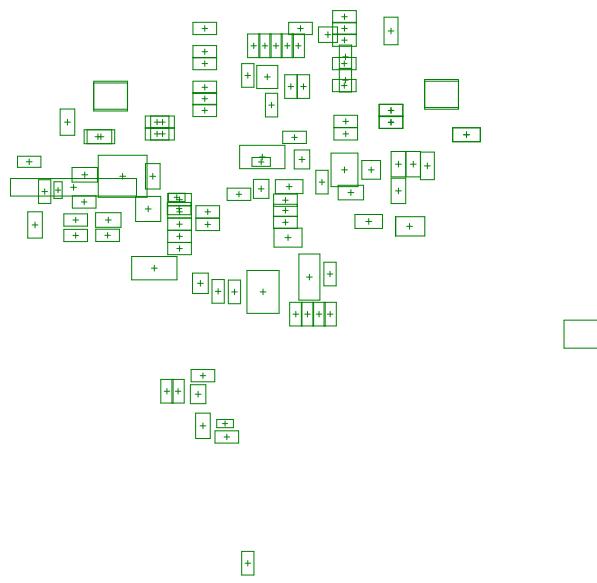
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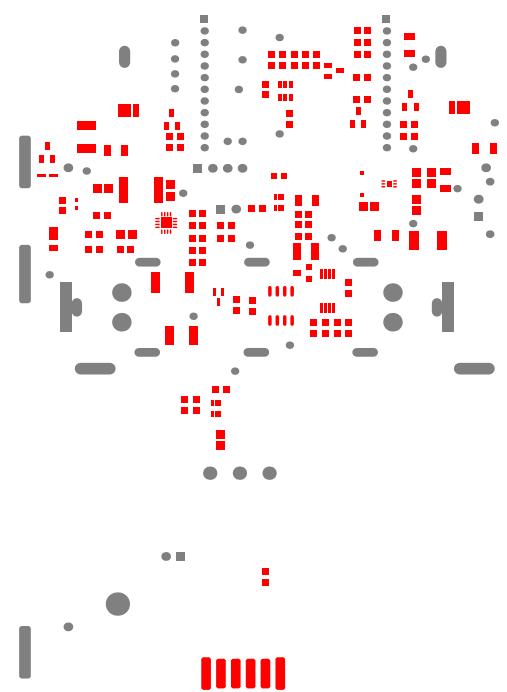
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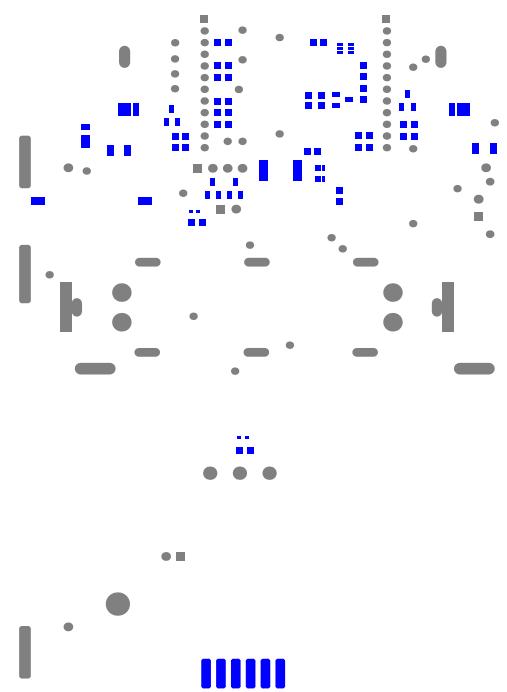
DESIGN INFORMATION		BOARD NAME: Cable Node Vertical - Rev. G	
BOARD TECHNOLOGY		BOARD SIZE (REFER ALSO PROFILING INFORMATION)	
0.008 / 28.000 / 0.008		xx_xx_x_yy_yy_<Unit>	
(MIN. TRACK) PADS CLEARANCE IN 0.001"		<MIN. ANNUAL RING 0.05MM (0.002") EXTERNAL PER IPC-2221 CLASS 3 LEVEL C AND IS THE MANUFACTURING REGISTRATION ALLOWANCE	
		LAND SIZE CALCULATION MINIMUM - NOMINAL HOLE SIZE + 0.508MM (0.020")	
CIRCUIT TYPE: <input type="checkbox"/> SS <input checked="" type="checkbox"/> DS <input type="checkbox"/> PTH		ML <input checked="" type="checkbox"/> No. OFF AS INSTRUCTED	
FINGER CONNECTOR DIM PER: <input type="checkbox"/> AS SHOWN		<input type="checkbox"/> AS SHOWN	
No. OFF TOTAL: <input type="checkbox"/> ONE SIDE <input checked="" type="checkbox"/> BOTH SIDES		<input type="checkbox"/> BURIED LAYER SEQUENCE	
VIAS: <input type="checkbox"/> NONE <input checked="" type="checkbox"/> FEED THRU <input type="checkbox"/> TENTED		<input type="checkbox"/> UNIQUE DRILL <input type="checkbox"/> 2 SIZE <input type="checkbox"/> BLIND LAYER SEQUENCE	
LAYER CONSTRUCTION PER: Layer Stack Manager (Altium) <input checked="" type="checkbox"/> AS SHOWN			
ARTWORK: <input type="checkbox"/> MANUAL <input checked="" type="checkbox"/> DIGITISED <input checked="" type="checkbox"/> CAD TYPE Altium (PFW)			
ARTWORK/PATTERN MASTER LIST			
DESCRIPTION	DRAWING No./CHD FILE REF.	LAYER NAME	GERBER FILE REF.
PCB FILE	CableNodeRevG	PcbDoc	
GERBER FILE	CableNodeRevG	Bottom Layer	CableNodeRevG_GBL
GERBER FILE	CableNodeRevG	Bottom Overlay	CableNodeRevG_GBO
GERBER FILE	CableNodeRevG	Bottom Paste Mask	CableNodeRevG_GBP
GERBER FILE	CableNodeRevG	Bottom Solder Mask	CableNodeRevG_GBS
GERBER FILE	CableNodeRevG	Drill Drawing	CableNodeRevG_GDI
GERBER FILE	CableNodeRevG	Mechanical Layer II	CableNodeRevG_GM1
GERBER FILE	CableNodeRevG	Mechanical Layer 4	CableNodeRevG_GM4
GERBER FILE	CableNodeRevG	Internal Plane 1	CableNodeRevG_GPI
GERBER FILE	CableNodeRevG	Internal Plane 2	CableNodeRevG_GP2
GERBER FILE	CableNodeRevG	Bottom Pad Master	CableNodeRevG_GPB
GERBER FILE	CableNodeRevG	Top Pad Master	CableNodeRevG_GTP
GERBER FILE	CableNodeRevG	Top Layer	CableNodeRevG_GTL
GERBER FILE	CableNodeRevG	Top Overlay	CableNodeRevG_GTO
GERBER FILE	CableNodeRevG	Top Paste Mask	CableNodeRevG_GTP
GERBER FILE	CableNodeRevG	Top Solder Mask	CableNodeRevG_GTS
APERTURE LIST	CableNodeRevG	Aperture List	CableNodeRevG_APL
DRILL REPORT	CableNodeRevG	Drill Report	CableNodeRevG_DRR
EXCELLON DRILL	CableNodeRevG	Excellon Drill Report	CableNodeRevG_RUL
GENERAL INFO	CableNodeRevG	Readme Text File	Readme TXT
GERBER FILE	CableNodeRevG	Mechanical Layer 2	CableNodeRevG_GM2
MATERIAL:			
THICKNESS:	<input type="checkbox"/> 0.031 <input checked="" type="checkbox"/> 0.062 <input type="checkbox"/> 0.093 <input type="checkbox"/> 0.125		
TOLERANCE:	<input checked="" type="checkbox"/> A/H IPC-D-300G CLASS 3 LEVEL B <input type="checkbox"/> OTHER +/-		
BON & TWIST:	<input checked="" type="checkbox"/> A/H IPC-D-300G CLASS 3 LEVEL B <input type="checkbox"/> AS SHOWN		
COPPER THICKNESS (FINISHED)			
OUTER: <input type="checkbox"/> 18um <input checked="" type="checkbox"/> 35um <input type="checkbox"/> 70um			
INNER SIGNAL: <input type="checkbox"/> 18um <input checked="" type="checkbox"/> 35um <input type="checkbox"/> 70um			
INNER PUR: <input type="checkbox"/> 18um <input checked="" type="checkbox"/> 35um <input type="checkbox"/> 70um			
STRUCTURE: <input type="checkbox"/> REFER <input type="checkbox"/> AS PER DRAWING NO. <input checked="" type="checkbox"/> AS SHOWN			
DRILLING:			
VIEWED FROM: <input checked="" type="checkbox"/> COMPONENT SIDE <input type="checkbox"/> SOLDER SIDE	<input type="checkbox"/> PATTERN MASTER LIST	<input checked="" type="checkbox"/> NC_DRILL FILES	
REFERENCE: <input checked="" type="checkbox"/> AS SHOWN	<input type="checkbox"/> 20um	<input type="checkbox"/> OTHER	
PTH MINIMUM COPPER THICKNESS: <input checked="" type="checkbox"/> 20um	<input type="checkbox"/> PADS REMOVED	<input type="checkbox"/> REMOVE PADS	
NPTH: <input type="checkbox"/> TENTED <input type="checkbox"/> 2nd DRILL <input type="checkbox"/> BOTH <input type="checkbox"/> AS SHOWN <input type="checkbox"/> NONE	<input type="checkbox"/> AS SHOWN	<input type="checkbox"/> NONE	
BOARD FINISH:			
ETCHING: <input checked="" type="checkbox"/> REFER PATTERN MASTER LIST			
LEGEND / SCREEN PRINT: <input type="checkbox"/> NONE <input checked="" type="checkbox"/> COMPONENT <input checked="" type="checkbox"/> SOLDER			
COLOUR: <input checked="" type="checkbox"/> WHITE <input type="checkbox"/> YELLOW <input type="checkbox"/> OTHER			
<input checked="" type="checkbox"/> LIQUID PHOTOIMAGABLE	<input type="checkbox"/> SCREEN PRINT		
<input type="checkbox"/> MATTE <input checked="" type="checkbox"/> GLOSS <input type="checkbox"/> GREEN <input type="checkbox"/> BLUE <input type="checkbox"/> G/Y <input type="checkbox"/> OTHER			
SOLDER MASK COLOUR: <input type="checkbox"/> BLACK <input checked="" type="checkbox"/> GREEN <input type="checkbox"/> YELLOW <input type="checkbox"/> BLUE <input type="checkbox"/> OTHER			
TRACK FINISH:			
<input checked="" type="checkbox"/> SELECTIVE SOLDER (HASL) <input type="checkbox"/> REFLOW SOLDER			
<input type="checkbox"/> SELECTIVE GOLD <input type="checkbox"/> ^{um} (AREA <input type="checkbox"/> sq. mm)			
<input type="checkbox"/> REFER PATTERN MASTER LIST <input type="checkbox"/> OTHER			
<input checked="" type="checkbox"/> 1.3um HARD GOLD OVER 5um NICKEL / TIN-NICKEL			
<input type="checkbox"/> HARD FINISH GOLD PLATE <input type="checkbox"/> OTHER			
<input type="checkbox"/> AS SHOWN <input type="checkbox"/> REFER			
EDGE BOARD CONTACTS:			
<input type="checkbox"/> AS DIMENSIONED, MEASURED AND CUT FROM SPECIFIED DATUM, <input type="checkbox"/> REFER PCB BLANK DWG NO.			
<input type="checkbox"/> USE PROFILE / ROUTE TAPE SUPPLIED (REFER PATTERN MASTER LIST)			
<input type="checkbox"/> SQUARE CUT <input type="checkbox"/> N.C. ROUTE <input type="checkbox"/> U. SCORE <input type="checkbox"/> BLANK			
ACCEPTABILITY:			
MATERIALS AND WORKMANSHIP FOR ALL PRINTED WIRING BOARDS TO MEET OR EXCEED THE REQUIREMENTS OF:			
<input checked="" type="checkbox"/> IPC-6011/12 AND IPC-A-600E <input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3			
<input checked="" type="checkbox"/> UL CERTIFICATION <input type="checkbox"/> AUSTEL <input type="checkbox"/> 3			
<input type="checkbox"/> ML-P-55101 GRP <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> AS2546 <input type="checkbox"/> OTHER			
ADDITIONAL REQUIREMENTS:			
<input type="checkbox"/> NONE <input type="checkbox"/> SAMPLE PLAN <input type="checkbox"/> MIL-P-55110E SERIAL NOS. PER ORDER			
<input type="checkbox"/> ML-P-55101 GRP <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> IPC CLASS <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3			
<input type="checkbox"/> QUALITY RELEASE REPORT <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> PER ORDER			
ELECTRICAL TEST:			
<input type="checkbox"/> NONE <input checked="" type="checkbox"/> REQUIRED <input type="checkbox"/> PER ORDER			
SURFACE MOUNT: <input type="checkbox"/> NONE <input type="checkbox"/> 1 SIDE <input checked="" type="checkbox"/> 2 SIDES <input type="checkbox"/> MIN. PITCH 0.65mm			
MANUFACTURER'S ID/LOGO: <input type="checkbox"/> NONE <input type="checkbox"/> FOIL <input type="checkbox"/> LEGEND <input type="checkbox"/> REFER			
MANUFACTURER'S ACCREDITATION: <input checked="" type="checkbox"/> ISO9001:AS91901 <input type="checkbox"/> NONE			
PACKAGING AND HANDLING: <input checked="" type="checkbox"/> PER ORDER <input type="checkbox"/> REFER			

Mechanical 11 Layer: File and PCB Ordering Information

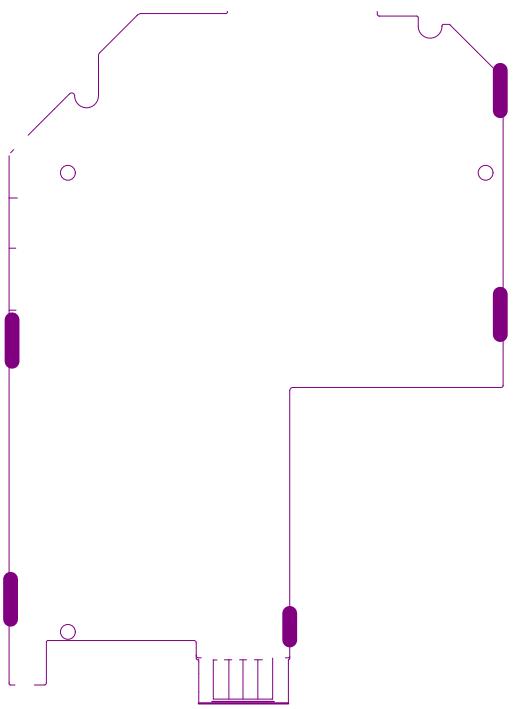








Keepout Layer



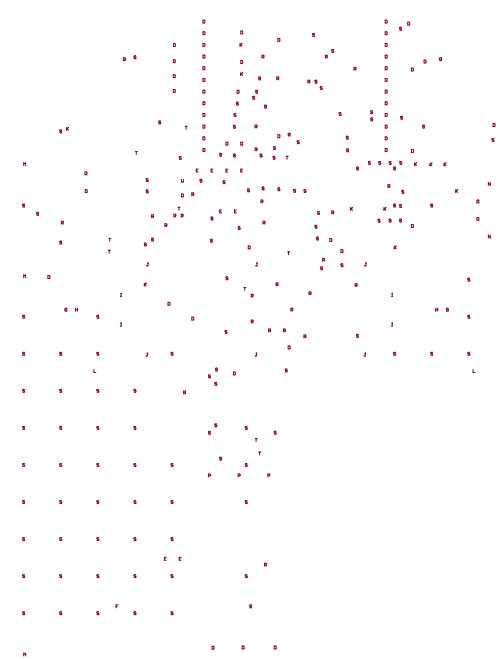


Figure 1. A scatter plot of the data.

