

A

B

C

D

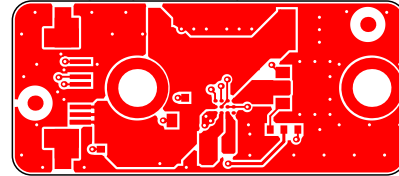
E

FABRICATION NOTES:**Fabricate per IPC-6011 & IPC-6012 CLASS 2****Inspect per IPC-A-600 CLASS 2****Test per IPC-TM-650**

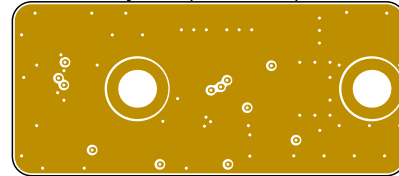
- * PCB has 4 copper layers
- * Copper thicknesses are finished and include base foil plus Cu plating on plated layers.
- * PCB thickness: please refer to the Layer Stack Legend
- * Min. trace width/clearance: 0.1mm/0.1mm
- * Min. hole drill/ring: 8mil/16mil
- * Soldermask gang relief is allowed for pads in same footprint, if footprint is NSMD.
- * Silkscreen: no silkscreen
- * Solder mask color: green
- * Surface finish: ENIG
- * Hole dimensions are finished size, +/-3mil
- * Linear board dimension tolerance: +/-10mil
- * Bow, twist, warp not to exceed 0.75% of greatest diagonal span
- * PCB shall be UL Recognized printed wiring board (ZPMV2), minimum flammability rating 94V-0
- * PCB shall be marked with fabricator company or trade name, UL mark, and date code using legend ink on secondary side
- * All PCBs shall be electrically tested for opens and shorts per gerber. Test marking shall be marked on secondard side.
- * GM1 shall be used as PCB outline GKO can be ignnored.

Fabricator shall panelize the PCB using mouse bites and tab routing. V-scoring not allowed.

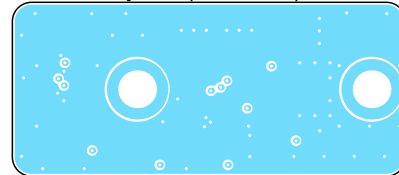
Top Layer (Scale 2:1)



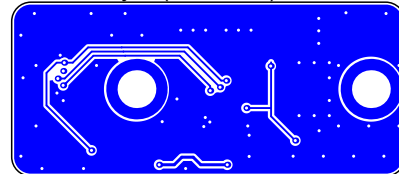
Internal Layer 1 (Scale 2:1)



Internal Layer 2 (Scale 2:1)



Bottom Layer (Scale 2:1)

Title: **NG6011**

Number: DXXXX

Revision: R0M0
E0

Date: 24/09/2021

Sheet: 1 of 2

Drawn by: Nejck Gostincarc

LUXonjs

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Layer Stack Legend

Layer	Thickness	Type	Gerber	Df	Dk
Top Solder Mask	0.70mil(0.018mm)	Solder Mask	GTS		3,5
Top Layer	1.40mil(0.036mm)	Signal	GTL		
	2.80mil(0.071mm)	Dielectric		0,02	4
Internal Layer 1	1.10mil(0.028mm)	Signal	G1		
	20.08mil(0.510mm)	Dielectric		0,02	4,3
Internal Layer 2	0.80mil(0.020mm)	Signal	G2		
	2.80mil(0.071mm)	Dielectric		0,02	4
Bottom Layer	1.40mil(0.036mm)	Signal	GBL		
Bottom Solder Mask	0.70mil(0.018mm)	Solder Mask	GBS		3,5
Total thickness: 31.78mil(0.807mm)					

Drill Table

Symbol	Count	Hole Size	Plated	Hole Tolerance
○	67	0.01in	Plated	
□	2	0.10in	Plated	
	69 Total			

Title: NG6011	
Number: DXXXX	Revision: R0M0 E0
Date: 24/09/2021	Sheet: 2 of 2
Drawn by: Nejc Gostincar	



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