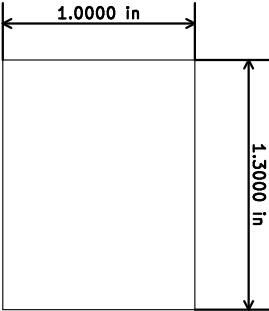


GENERAL NOTES

- 1) DESIGN CRITERIA
- A) MIN TRACE WIDTH = 0.0050 INCH / 0.127 MM
  - B) MIN TRACE SPACING = 0.0050 INCH / 0.127 MM
  - C) MIN DEVICE PITCH = 0.0236 INCH / 0.600 MM
  - D) MIN DRILL SIZE = 0.0118 INCH / 0.300 MM
- 2) FABRICATION
- A) FABRICATE PER IPC-6012 CLASS 2 UNLESS OTHERWISE SPECIFIED
  - B) PCB SHALL BE ROHS COMPLIANT / LEAD-FREE
  - C) LAMINATE: FR-4 WITH Tg RATING 150C MIN, PER IPC-4101/24 OR 26
  - D) FLAMMABILITY RATING: UL 94V-0
  - E) FINISHED THICKNESS = 0.0624 INCH / 1.6 MM (STANDARD 4 LAYER BOARD PROCESS)
  - F) COPPER CLADDING: PER IPC-MF-150, 1.0 oz
  - G) PLATING ENIG PER IPC-4552
  - H) SOLDERMASK: PLI MATERIAL PER IPC-5M-840 CLASS T OR M, COLOR BLUE
  - I) SILKSCREEN: PERMANENT ORGANIC, NON-CONDUCTIVE INK, COLOR WHITE, 300 DPI
  - J) BOARD OUTLINE DEFINED IN LAYER "Edge.Cuts.gbr"
  - K) DE-BURR/BREAK ALL SHARP EDGES
  - L) EDGE HOLES SHALL BE CASTELLATED BY FOLLOWING EDGE CUTS THROUGH BOARD EDGE THROUGH HOLES
- 3) MANUFACTURING
- A) MARK MFG IO, DATE CODE (YYWW) ON BOTTOM SILK LAYER, NOT TO INTERFERE WITH EXISTING SILK
  - B) PCB MANUFACTURER CAN PANELIZE ASSEMBLER SPECIFICATION
  - C) 100% NETLIST ELECTRICAL VERIFICATION REQUIRED
- 4) PACKAGING
- A) PCB SURFACES MUST BE PROTECTED FROM MOISTURE.
  - B) PCB SURFACES MUST BE PROTECTED FROM ABRASION DURING SHIPPING.



LAYER	NAME	MATERIAL	THICKNESS	CONSTANT	FILE EXT
1	TOP SILK	SILKSCREEN	N/A	N/A	F.Silks
2	TOP SOLDER	SOLDER RESIST	0.010mm	3.5	F.Mask
3	TOP LAYER	COPPER	0.035mm		Top
4	DIELECTRIC 1	FR-4	0.230mm	4.2	
5	GROUND LAYER	COPPER	0.035mm		DigitalGND
6	DIELECTRIC 2	FR-4	1.000mm	4.2	
7	POWER LAYER	COPPER	0.035mm		VDD
8	DIELECTRIC 3	FR-4	0.230mm	4.2	
9	BOTTOM LAYER	COPPER	0.035mm		Bottom
10	BOTTOM SOLDER	SOLDER RESIST	0.010mm	3.5	B.Mask
11	BOTTOM SILK	SILKSCREEN	N/A	N/A	B.Silks

Hologram

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Title: *Minimus Prime*

Size: A4	Date: 2018-03-05	Rev: 1.1
KiCad E.D.A. kicad 4.0.6		Id: 1/1