

Procyon PCB, Inc.

www.procyonpcb.com

Specializing in PCB Prototypes

Procyon PCB, Inc. is a small business that can offer design engineers a test prototype pcb with minimal restrictions. Our prototypes will be similar to the electrical characteristics and constraints that are being designed for and are required in today's high speed and RF circuits. We will provide your prototypes in a timely and efficient manner.

Procyon PCB, Inc. is a small business that provides Quick-Turn Prototype PCB's from single sided up to twelve layers.

Simple fee structure with on-line payment.

Annual, BPA, and Retainer Contracts available.

Over 30 choices of board thickness' and materials.

29 drill sizes from 0.2mm to 2.0mm, plus any size hole above 2.0mm.

NO limitation on number of holes per square inch.

NO limitation on number of drill sizes used per job request.

NO minimum number of boards, (If the customer only wants one copy, we will only make one copy).

Small board sizes accepted (x,y dimensions can be any size as long as we can cut it).

Make Mechanical Models of PCB's.

Contour route for any shape.

Provide slot outlines.

Through-hole plating.

Edge plating (limited).

Hidden/Blind vias.

Four (4) mil line widths with four (4) mil spacing.

Allow SMT components.

Customers may choose to have their prototypes sprayed with a transparent protective coating and flux-agent that prevents corrosion and or immersion tin plated, or customers may request our prototype solder mask. Procyon PCB, Inc. accepts Gerber, Gerber 274-X, Excellon, Sieb & Meier, DXF, Barco, and ODB++ file formats.

Procyon PCB, Inc. offers many of the standard prototype board materials engineers need to test their prototypes.

Over 30 choices of board thickness' and materials which include 12 standard thicknesses of double sided FR-4, plus we offer an additional service by offering Rogers 3006, 3010, 4003, 5880, 6006, and 6010 material in limited selections for double sided RF prototypes. All Rogers substrates have an additional cost for the material. Contact Procyon PCB, Inc. for details. We will special order substrates if needed (additional time required). The customer may provide the material to Procyon PCB, Inc.

FR-4 Materials

8, 10, 12, 14, 21, 24, 28, 31, 34, 62, 93, 125 mils (additional thickness' available upon request)

Rogers RT/Duroid 3000 Series Material
(additional thickness' available upon request)

Rogers RT/Duroid 3006

25, 30 mils

Rogers RT/Duroid 3010

30 mils

Rogers RO 4003 Series Material

8, 12, 20, 32, 60 mils (additional thickness' available upon request)

Rogers RT/Duroid 5880 Series Material

31, 62, 125 mils (additional thickness' available upon request)

Rogers RT/Duroid 6000 Series Material

Rogers RT/Duroid 6006

25, 50, 75, 100 mils (additional thickness' available upon request)

Rogers RT/Duroid 6010

50 mils (additional thickness' available upon request)

Custom Ordered Materials Available Upon Request.

Our Mission

Procyon PCB, Inc. strives to provide superior quality prototype boards in a prompt and most efficient manner.

Engineers need to realize the important considerations for producing prototype circuit boards: production time, quality and costs. In this world of intense time-to-market requirements and aggressive R&D expectations, effective prototyping is critical to success. Procyon PCB, Inc. can be your "in-house prototyping" without all of the cost, tooling, equipment, space, and ramp up time required to make your quality prototypes.

Procyon PCB, Inc. is proud to be an exclusive user of LPKF Prototyping Equipment. Our founder is the most experienced user of LPKF Rapid PCB Prototyping equipment for multilayer PCB's in the USA. We have extensive experience in providing a quality product that will help you meet your research goals.

Contact Information

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The logo for Procyon PCB, Inc. features the company name in a serif font. The word "Procyon" is enclosed within an orange oval shape, while "PCB, Inc." follows in the same font style.