Printed Circuit Boards
A Tutorial
Printing the Transfer

- Techniks Press n Peel Blue
- Laser Printer ONLY
- Print Twice
Trimming Board

- Score and Snap
- Saw/Dremel
- Fiberglass!
Ironing

- Copper Clad FR-4
- Single Sided
- Polyester Setting
- Preheat Board
- Be Patient
Removal

- Quench under running water
- Carefully lift from one corner
Etching

Ferric Chloride
Etching

Sodium Persulfate
Clean Up

• Sand away Resist

• Strip with Acetone
Drilling

• “Wire Gauge” Drills
• No. 59 or 60
• Drill Press
• Much Faster than Drilling Metal
• Fiber Glass Precaution
The End

http://www.smallbearelec.com/HowTos/DirectPCBoards/DirectPCBoards.htm