Perfboard

- Etched and drilled PCB material designed for prototyping.
- Holes drilled on a 0.1” grid
- Available as single-sided, double-sided, and zero-sided pads.
- Available as Stripboard with predefined busses.
Perfboard Examples
Home Etch (Press-N-Peel)

- Design PCB in CAD software
- Print onto special paper as a mirror image
- Transfer toner onto PCB board material
- Etch PCM in Ferric Chloride
- Drill holes
Rapid Prototyping (LPKF)
Rapid Prototyping PCB Problems

- No Through Hole Plating
- No Silkscreen
- No Solder Mask
- Expensive machine and consumables
Sample LPKF PCBs
Schematic Capture to PCB Layout

• Creation of Parts (Library Editor)

• Schematic Capture (Design Capture)

• PCB Layout (Expedition PCB)