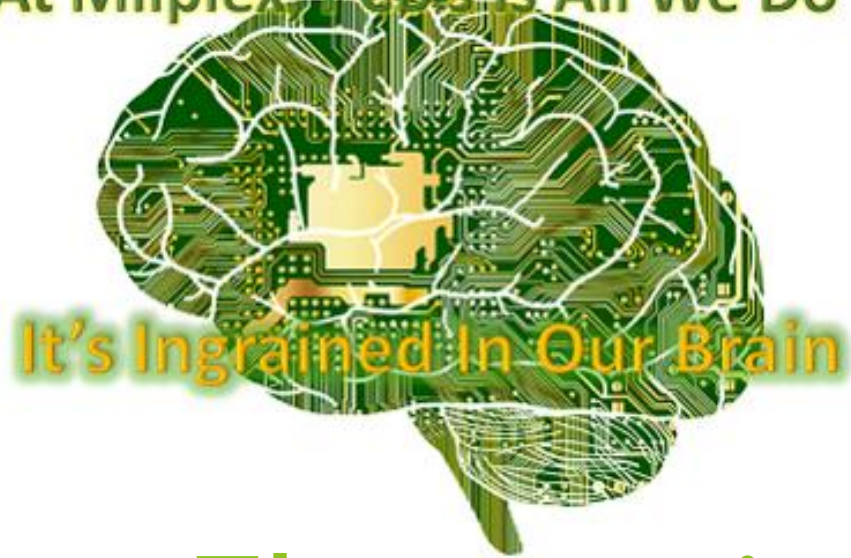


At Milplex, PCB's Is All We Do



It's Ingrained In Our Brain

# Milplex Electronics Inc.

Manufacturing PCBs Since 1983



[Milplex.com](http://Milplex.com)



# About Us

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## CUSTOMERS

- ▶ Over 30 years of experience serving commercial and industrial clients throughout the United States, Mexico and Asia.
- ▶ Fantastic level of service and quality given to big or small companies

Milplex.com



# Why Milplex?

## INDUSTRIES SERVED

Over 30 years of manufacturing experience serving many industries including:

- ▶ Medical Industry - High-Density Interconnect or HDI PCBs
- ▶ Consumer Products - High-Volume PCBs
- ▶ Automotive Industry - High Frequency Flexible PCBs
- ▶ Aerospace and Military - Hi Temp Hi Precision Flexible PCBs
- ▶ Industrial & Instrumentation - Thick Copper PCBs
- ▶ Lighting Applications - LED PCBs



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# Why Milplex?

WE ARE TOTAL END-TO-END PCB MANUFACTURER

- ▶ Early design review, including Design For Manufacturability (DFM)
- ▶ Prototype builds - Same day service available!
- ▶ Pre-Production / Pilot Run needs
- ▶ Production Requirements



Milplex.com



# Why Milplex?

## PLANT EQUIPMENT

We count with the best equipment and technology to give you the best results:

- ▶ Restriction of Hazardous Substances (RoHS) Compliant Coating (including Immersion in Tin, Silver, or Gold, and Lead-Free Soldering)
- ▶ REACH Compliance
- ▶ Gerber™ Laser Photoplotting
- ▶ Automatic Copper Electroplating
- ▶ V-Scoring and Routing for Panelization
- ▶ Automated Optical Inspection (AOI)
- ▶ Netlist Electrical Testing
- ▶ Flying Probe Electrical Testing
- ▶ UCAM / CAD CAM



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# Why Milplex?

## PROCESS AND CERTIFICATIONS

### ALL PHASES OF FABRICATION

- ▶ Engineering and Production Control
- ▶ UCAM / CAD CAM
- ▶ Photoplotting
- ▶ Drilling and Fabrication
- ▶ Jump and Regular V-Scoring
- ▶ Dry Film Imaging
- ▶ Multilayer Equipment
- ▶ Laboratory
- ▶ Inspection and Electrical Test
- ▶ Wet Processing
- ▶ Screening
- ▶ Environmental Control

### CERTIFICATIONS & COMPLIANCE

- ▶ We meet IPC-A-600 H standards
- ▶ Registered to ISO 9001:2008 (current)
- ▶ Registered to ISO 9001:2015 (in progress)
- ▶ AS 9100
- ▶ ITAR
- ▶ RoHS
- ▶ REACH



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# Why Milplex?



## MATERIAL AND PRODUCTS

### CAPABILITIES

- ▶ 1-28 Layers
- ▶ Thickness 0.008 to 0.250
- ▶ Water soluble masks
- ▶ Fine lines and SMT pitch
- ▶ Carbon Ink Contacts
- ▶ Oversized multilayer boards
- ▶ Ball Grid Array (BGA) patterns
- ▶ Plated edges and slots
- ▶ Epoxy via plug
- ▶ Blind Buried Vias
- ▶ Control Impedance

### FINISHES

- ▶ White Tin (Immersion Tin)
- ▶ HASL (Hot Air Levelled Solder)
- ▶ Lead Free Solder
- ▶ Solder Mask Over Bare Copper (SMOBC)
- ▶ ENIG (Electroless Nickel Immersion Gold)
- ▶ Hard Gold
- ▶ Immersion Silver
- ▶ Immersion nickel
- ▶ Selective Hard Gold
- ▶ OSP (Organic Solderability Preservatives)

### TYPES

- ▶ High Temp FR-4, FR-406, FR-408 & FR-5
- ▶ CEM 1 and CEM3
- ▶ Halogen Free
- ▶ Low Dk, Low Df, High Tg
- ▶ Polyimide
- ▶ Cyanate Ester
- ▶ Multifunctional Epoxy
- ▶ Flex, Getek and Rigid-Flex
- ▶ Aluminium clad
- ▶ Rogers 4350, 4360, 4003 and more
- ▶ PTFE (Teflon)

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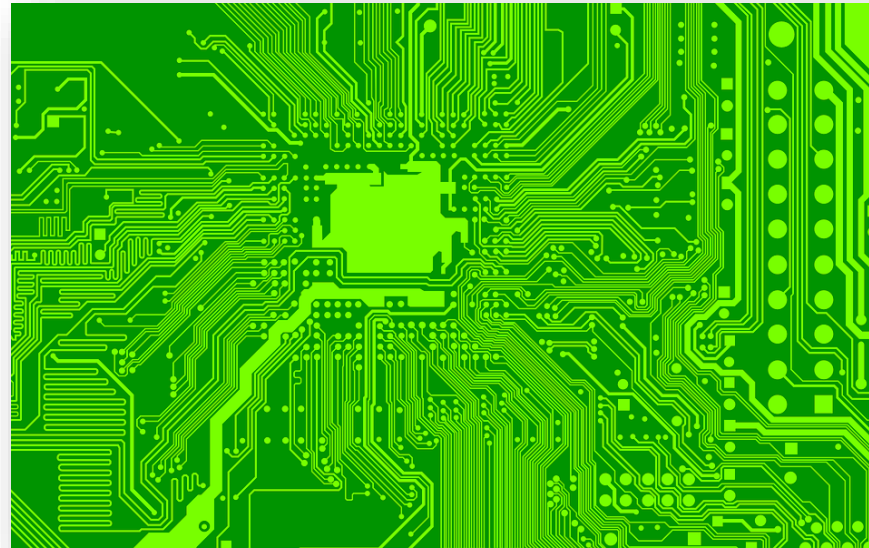


# Why Milplex?

## CUSTOMER SERVICE

- ▶ 30+ years PCB Manufacturer
- ▶ Friendly Customer Service
- ▶ Reliable PCB Manufacturer
- ▶ Quality PCB Fabrication
- ▶ Quick Turn Around PCB Fabrication
- ▶ PCB Online Quoting
- ▶ Best On Time PCB Shipping
- ▶ Easy PCB Order Status Tracking

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# Why Milplex?



## GET IN TOUCH

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