



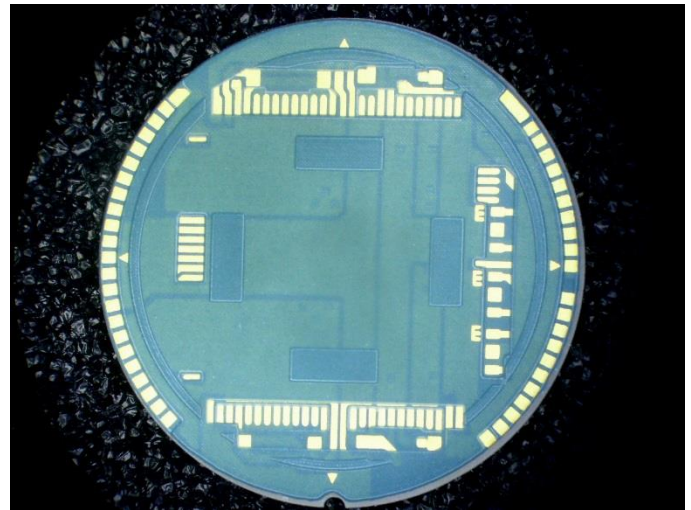
Micro-Precision Technologies is an independent manufacturer of Hybrid Integrated Circuits (HIC), Multichip Modules (MCM), high-precision thick film substrates for the military, industrial and commercial marketplace. MPT also supplies hybrid assembly services on a consigned or full turnkey basis. MPT is **MIL-PRF-38534 Class H** qualified, **QML-38534** listed, certified by DSCC (Defense Supply Center, Columbus, OH), and **ISO 9001:2008** certified by TUV SUD. MPT is a Woman and Minority-owned Small Business.

THICK FILM SUBSTRATES

Thick film substrates are ideal for electronic circuits used in environmentally adverse conditions, when high levels of thermal conductivity are required, and space is a premium. MPT thick film technology is robust, economical, and can reduce the footprint of your circuit.

Our thick film substrates have been used in:

- submounts
- amplifiers
- oscillators
- synchro converters
- resistor networks
- regulators
- filters
- sensors



HYBRID ASSEMBLY SERVICES

Hybrid assembly consists of attaching components onto a screened substrate or other mediums (FR4, SMT header). The hybrid assembly process may include surface mount, die attachment, wire bonding, and packaging. Functional testing is performed both prior to sealing and post sealing into package. Environmental testing is performed post sealing.

MPT products and custom builds have been used in:

- signal conditioning systems
- communications equipment
- radar equipment
- positioning systems
- avionics
- navigation systems
- data conversion
- computer systems
- frequency agile systems
- RF/microwave components and subsystems