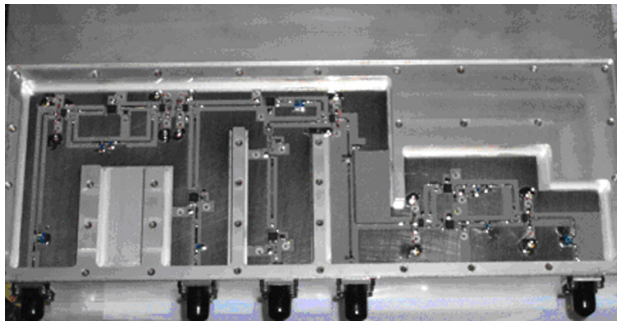




Micro USA provides design, development, production and support services for a variety of electronic systems. We use Just-In-Time (JIT) methodology to integrate leading technology solutions for proof-of-concept and rapid prototyping. Micro USA has been providing R&D and engineering services since 1995.



Micro USA also provides Form-Fit-Function replacements to our defense customers in support of Legacy Systems. Micro USA staff has a broad range of engineering skills. Disciplines include: Chemistry, Optics, RF analog and digital Signal Processing, Computer Science and Value Engineering.

Micro USA staff has been awarded numerous patents and published many technical papers in scientific journals such as IEEE and SPIE. Staff has authored books in image processing, data compression, including the latest one, Digital Image Processing with Application to Digital Cinema.

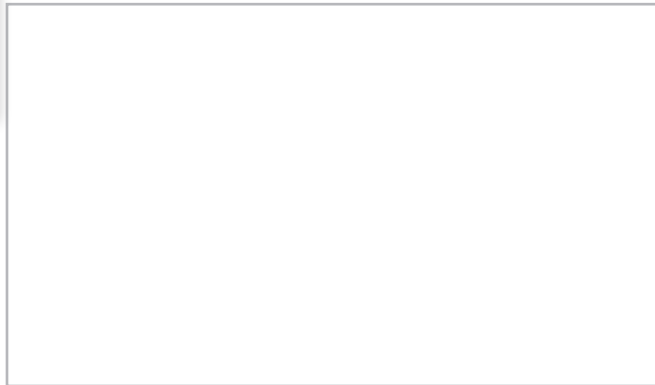
Our Customers...

- SPAWAR
- ONR
- DLA
- Air Force
- Kratos Defense
- NAVSSI
- Serco
- iBASEt
- Trandes Corp
- O R I Services
- L-3 Communication
- JIATF South

Systems/Programs we Support...

- AN/MPQ-T3
- AN/FPS-117
- AN/TPS-77
- AN/WLR-8(V)1
- AN/TPS-73
- AN/BRD-7
- MATCALs
- C4ISR
- AN/URN-25 TACAN
- UYQ-34
- AN/TPN-22

Represented By:



12875 Brookprinter Pl. #200, Poway, CA 92064

Tel. 858-748-3499 Fax. 858-748-3496

E-Mail: info@microusa.us

www.microusa.us

Want Innovation...?

Technology Application Specialist...?

Re-engineering Experts...?

Think out of the box...

Micro USA can provide:

- Innovative Problem Solutions
- Technology Refresh / Integration
- Form-Fit Function Replacement
- Proof of Concept/Prototyping
- Modeling & Simulation



woman-owned small business

SKILL SETS & SERVICES



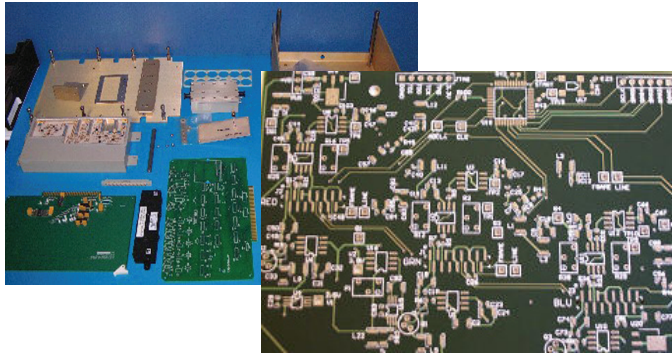
ENGINEERING AND R & D SERVICES

We offer services to handle your prototyping design needs.

These include:

PROOF OF CONCEPT / PROTOTYPING

- Complex Board / Multilayer Design
- Analog/digital applications
- Layout and Assembly
- Small signal designs
- Microwave design



OPTICS & CMOS SENSORS

We can supply high quality custom CMOS sensors and assemblies for surveillance and detection applications. We can custom design Electro-Optical imaging systems for your defense related projects.

IMAGE PROCESSING & COMPRESSION

We have developed a library of algorithms for:

- Detection of low contrast objects
- Video tracking
- Target identification
- Medical imaging
- Image & video compression

RADAR, RF, SIGNAL PROCESSING

Micro USA has developed Remote Ethernet Interface Modules (REIM) for data collection via internet and designed Low Power Disposable Radar (LPDR) units.

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LabVIEW™

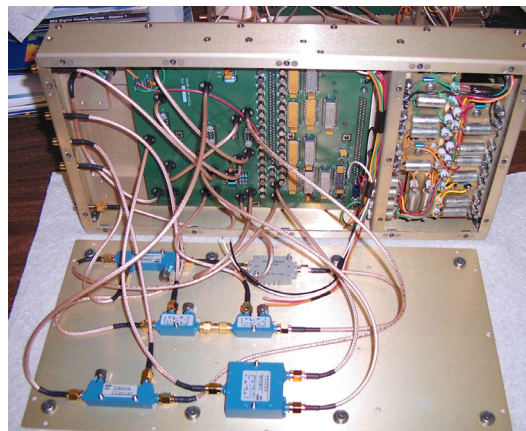
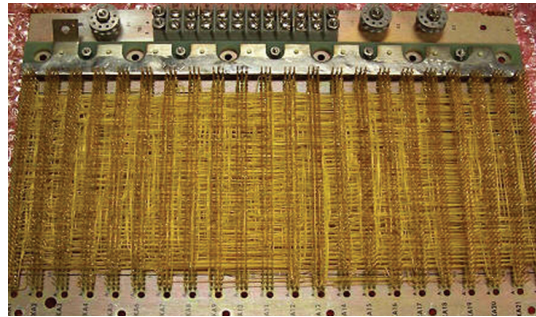
In addition to component support, we also specialize in LabVIEW based development. This includes:

- Improving processing speed
- Iterative Block Design
- Video capture & processing
- Test & Evaluation

REVERSE ENGINEERING (LEGACY)

We are experienced in reverse engineering for a wide variety of applications such as:

- Form-Fit-Function Replacement
- Schematic Development
- Re-modernization
- First Article Testing



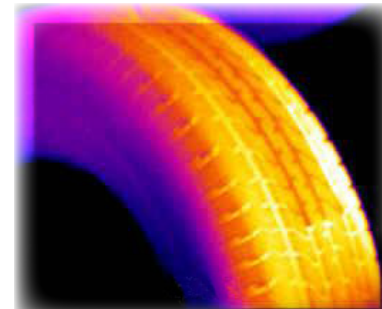
Micro USA Inc.
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IMAGING TECHNOLOGIES

Micro USA has developed a strong line of CMOS based imaging systems for many applications. In addition to our three



chip sensor cameras for underwater detection/tracking, we offer development kits so you can integrate the performance and dependability of Micro USA sensors with your own products.



**THERMAL/
FATIGUE FAILURE
DETECTION**



**UNDERWATER
DETECTION**



**VIDEO
TRACKING**

Here at Micro USA, we love challenges!