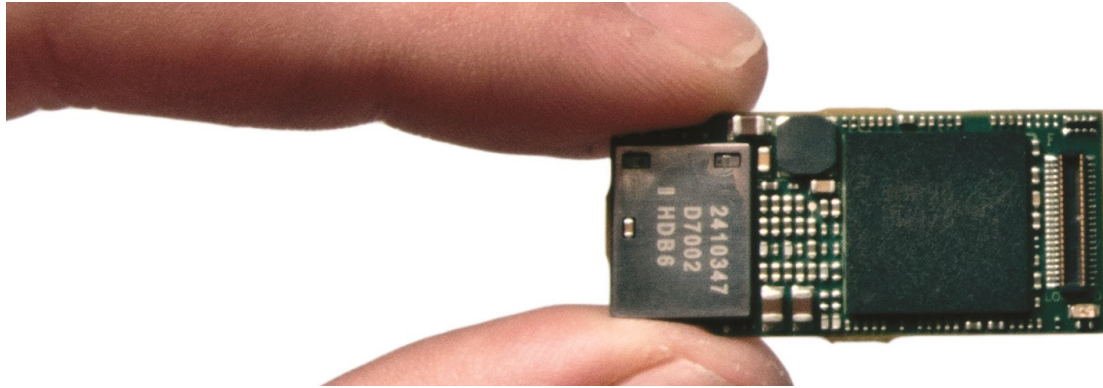
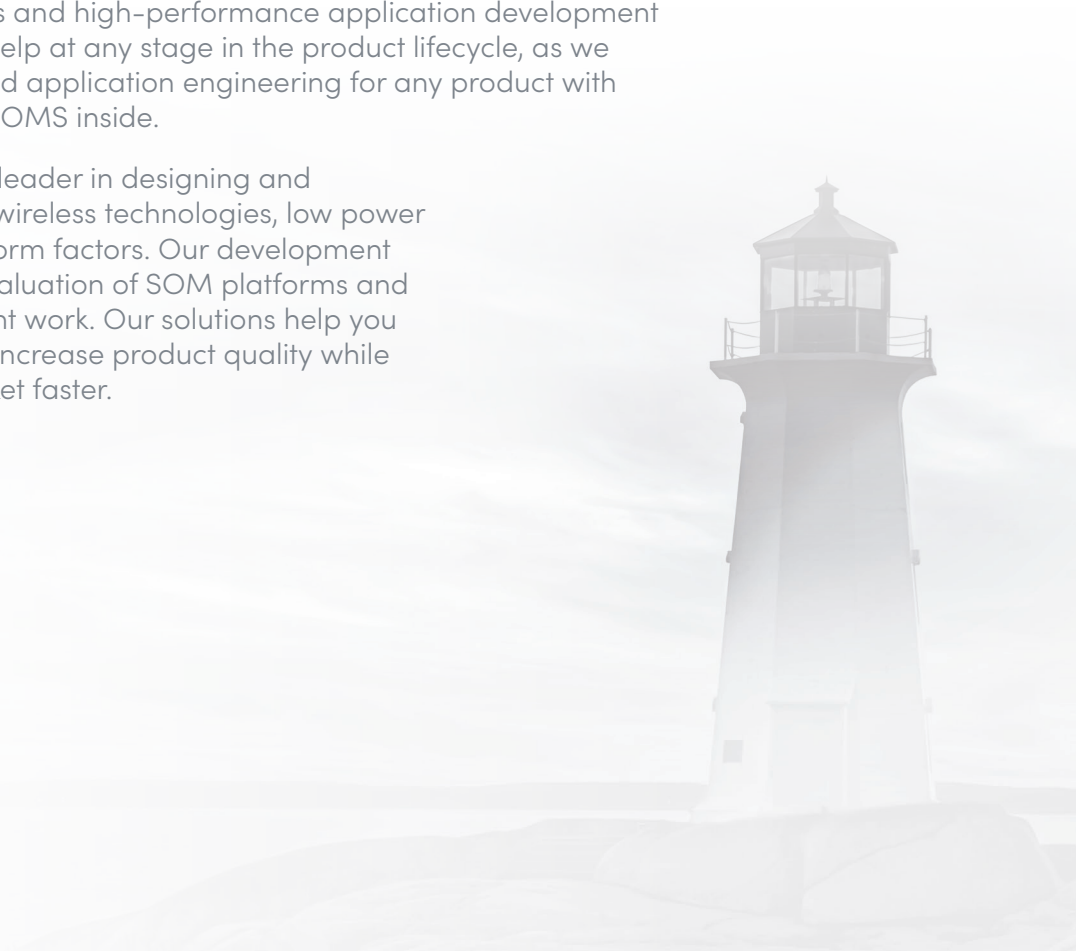


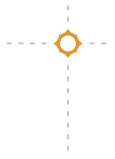
Embedding success into your connected devices.



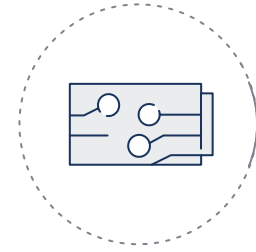
The design, development and manufacturing of embedded technology is a complex and time-consuming process without the right expertise. At Manufactured Assemblies Corporation, a Compass Electronics Solutions Company, we elevate your product development with custom System on Module (SOM) solutions and high-performance application development kits. Our expertise can help at any stage in the product lifecycle, as we provide continuation and application engineering for any product with one of our embedded SOMS inside.

Our Products team is a leader in designing and developing SOMs with wireless technologies, low power capabilities and small form factors. Our development kits provide for rapid evaluation of SOM platforms and application development work. Our solutions help you reduce design risk and increase product quality while helping you get to market faster.





Supporting your product development with award-winning SOM solutions.



SYSTEM ON MODULES

Our SOMs are ideal for connected and portable solutions, developed to emphasize and utilize small footprints, low power consumption, and proven software. We've been designing and manufacturing industry-leading embedded products since 2001.

Cortex-A9

- NXP i.MX6 SOM-M3 (Dual or Quad Core): Speeds of up to 1.2 GHz; contains on-board WiFi and Bluetooth 4.1.
- Inflexion™ Zynq 7020 SOM-LV (Dual Core): Runs up to 766MHz with Artix™-7 FPGA programmable logic fabric

Cortex-A8

- TI OMAP35x SOM-LV: Essential features for handheld and embedded networking, optional DSP
- TI OMAP35x Torpedo™ SOM: Ideal when you need DSP, low power, high performance in a small form factor
- TI AM3517 SOM-M2: Excellent for handheld and embedded networking with optional WiFi

Cortex-A8 (continued)

- DM3730/AM3703 SOM-LV: Speeds of up to 1 GHz; contains on-board WiFi & Bluetooth 2.1 + EDR, a 10/100 Ethernet controller, & optional DSP
 - DM3730/AM3703 Torpedo™ SOM: PC-like speeds up to 1 GHz and low power consumption of less than 5 mW
 - DM3730/AM3703 Torpedo™ + Wireless SOM: WiLink™ 7.0 wireless solution on a single board that occupies less than 1 sq in
- #### ARM926
- AM1808 SOM-M1: Compact SOM ideal for medical wearables or other portable applications
 - OMAP-L138 SOM-M1: Versatile, compact SOM; fast-forwards launch timelines for embedded networking use cases

SUPPORT MATERIAL

Visit support.logicpd.com to register your product and gain access to all product-related downloads, including software and hardware design files.

SOM LIFECYCLE SUPPORT

MAC offers two paid support contract options to help you with your designs.

Gold Support Contract

- 40 hours of dedicated support
- Application engineer assigned to customer
- Priority email support for general questions
- Training on SOM implementations
- SOM architecture review
- Schematic review
- Various production support options

Platinum Support Contract

- All the benefits of "Gold Support Contract," plus:
- 40 additional hours of dedicated support (total of 80 hours)

Optional services include:

- Linux boot time optimization
- Debug assessment
- LCD integration on dev kit

For more details, please contact us at www.mac-cable.com.

MORE SOLUTIONS FROM LOGIC PD, MAC, QUALITRONICS, AND PROTECH



Learn more about our capabilities at MAC-Cable.com

Logic PD, MAC, Protech and Qualitronics have teamed up to form Compass Electronics Solutions: The premier partner for the design, development, manufacturing, and support of the world's most innovative products.



Eden Prairie, MN - (952) 941-8071
LogicPD.com



Dayton, OH - (937) 454-0722
 Atlanta, GA - (770) 682-6311
MAC-Cable.com



El Paso, TX - (915) 594-0500
 Juárez, MX
ProtechGlobalSolutions.com



Richmond, IN - (765) 966-2039
QualitronicsInc.com