



TTM's Integrated Electronics is a global leader in the design, development, and manufacture of cutting-edge mission systems, microelectronics, radio frequency (RF) and microwave technologies. Our solutions are serving the global Aerospace & Defense market giving the warfighter a tactical advantage even in the worst environments.

Mission Systems

Our mission systems solutions are deployed globally and serve a wide variety of mission sets including maritime surveillance, border protection, search & rescue, and communications. Whether in the air, on the land, or in the sea our systems are ensuring the safety and security of countless military personnel and civilians.

▪ Surveillance Solutions

Our Identification Friend or Foe solutions offer active and passive surveillance providing breakthrough performance in the detection, interrogation, identification, and tracking of targets of interest. Additional capabilities include our patented GPS denial of service reporting and detection technology.

▪ Radar Solutions

We offer a full line of radar and maritime surveillance systems providing world-class capabilities, including integrated IFF, Anti-Submarine Warfare, and Automatic Radar Periscope Detection Discrimination.

▪ Communications

Our advanced wired and wireless communications systems provide the digital backbone for over 50 defense and civilian platforms worldwide, including fixed- and rotary-wing aircraft, lighter-than-air aircraft, and ground control shelters.

Microelectronics

For over 50 years, TTM has been recognized as an industry leader in the design and manufacture of high-performance, high-reliability hybrid and multi-chip modules. Our modules are specifically designed to withstand harsh environments, munitions that survive extreme mechanical shock from bunker-busting missions, and electronics that function flawlessly amidst the damaging radiation environment of deep space.

Our radiation hardened microelectronics standard product line includes Linear and Switching Voltage Regulators, Operational & Video Amplifiers, Motor Drives, and countless custom modules.

Radio Frequency/Microwave Solutions

We design and manufacture advanced technology PCBs, components, and engineered solutions for RF and microwave reliant applications. Our high-performance and highly reliable design solutions, combined with our automated manufacturing processes and cutting-edge PCB and ceramic substrate technologies, provide our customers with proven solutions for Air and Missile Defense Radar (AMDR) and Long-Range Discrimination Radar (LRDR) applications.