

Advanced Circuit Protection for Drone & UAV Applications

Ensuring mission-critical reliability in unmanned aerial and ground systems



Benefits

- Small SMT Packages
- Lightweight Devices
- High Reliability
- Long Life Performance
- ESD Protection
- Surge Protection
- Lightning Protection
- Robust Semiconductor Solutions

Electrical Systems

- Power Distribution Unit (PDU)
- Interface Control Module (ICM)
- Stores Interface Units (SIUs)
- Digital EO Recon Camera
- Line Replaceable Unit (LRU)
- Active Electronically Scanned Array (AESA)
- Infrared Search and Track system (IRST)
- Integrated Defence Aids Suite (IDAS)
- Remote Interface Units (RIUs)
- Target Acquisition & Surveillance
- Remote Weapon Systems
- Weapon Mission System
- Power Supply Unit

Power & Data Interface Applications

- AC Primary/Secondary
- DC Power Line
- Antenna
- CANBus
- Control Buttons
- DC-DC Converter
- SDI Interface
- DC Power
- EMP
- 10/100/GbE Ethernet
- Display
- USB 2.0/3.0/3.1
- High & Low Frequency Data Lines
- Load Dump Protection
- RS-422
- RS-485

Military/Aerospace Compliance Standards

- MIL-STD-704
- MIL-STD-1275
- MIL-STD-1399
- MIL-STD-461
- DO160 Section 16
- DO160 Section 17
- DO160 Section 22
- DO160 Section 25