

# Füze Arayüz Birimi

## Missile Interface Unit



Freescale PPC P2041 tabanlı mimariye sahip olan Füze Arayüz Birimi (FAB), üzerinde bulunan MIL-STD-1553 BC/BM/RT, GEthernet, ayırık arayüzler, akım kaynakları ve seri portlar sayesinde tüm füze entegrasyon projelerinde yapı taşı olmaya uygun bir cihaz profili çizmektedir.

*Having freescale PPC P2041 architectural design, Missile Interface Unit (MIU) exhibits a device profile that is eligible to be the integral part of all missile integration projects with its MIL-STD-1553 BC/BM/RT, GEthernet, discrete I/O, current sources and serial ports.*





## Main Features

- Controlling missiles via communication bus and discrete I/Os
- Providing operational and firing voltages of the missiles
- Low power consumption
- Internal MIL-STD-1553 Bus Network
- Environmental conditioning in accordance with MIL-STD-810F/G
- EMI/EMC Characteristics in accordance with MIL-STD-461E
- Power Characteristics in accordance with MIL-STD-704F and MIL-STD-1275D
- MIL-HDBK454B compliant manufacturing
- Built in Test (BIT) Capability

## Power Characteristics

- Power Consumption: 50 W (MIU Only)
- Input: 28 V DC
- Output: 1000 Watt

## Interface

- 11 x RS-485 /232 /422 selectable UART Interface
- 32 x Discrete Input
- 20 x Discrete Output
- 4 x MIL-STD 1553 Interface
- 6 x 1 Gbps Ethernet Interface
- 2 x 10/100 Mbps Ethernet Interface

## Processor

- Freescale Qor IQ Processor
- 800 MHz dual core
- Flash Memory
- RAM

## Operating System

- Linux - QNX