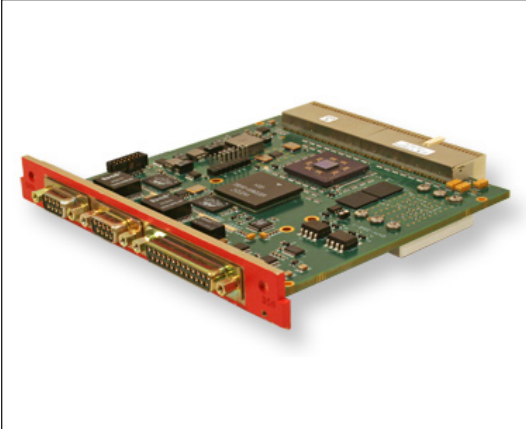


High-Speed Airborne Instrumentation Multiplexer Overhead Board



Applications

- Distributed systems
- CAIS applications
- Radar data recording

Features

- Main processing board for the AIM and HS-AVDAU product families
- Contains 256 MB DDR SDRAM and 64 MB flash memory
- Controls the AIM (OVH-350-1) or HS-AVDAU (OVH-350-2) 66 MHz 64-bit backplane bus
- One serial port used for system programming and console access and one serial port for external communication with other units
- Four general-purpose LVTTTL inputs and four general-purpose opto-coupled outputs
- Two Gigabit Ethernet ports and one Fast Ethernet port
- Accepts an RCI-305-2 or -3 mezzanine card for time code functions and CAIS and IRIG-B interfaces

Description

The OVH-350 is the processor-based controller (overhead) board for the AIM/HS-AVDAU-200X and the AIM-400X. It stores and executes the operating system, application software and drivers and terminates the IP stack for Ethernet support. It also receives and formats inbound (acquired) data and transmits it to an nREC-6000-1 recorder through one or two 10/100/1000BASE-T Ethernet ports. The OVH-350 is partnered with an RCI-305-2 or -3 CAIS and IRIG interface board using an expansion connector.

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OVH-350-X Datasheet

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