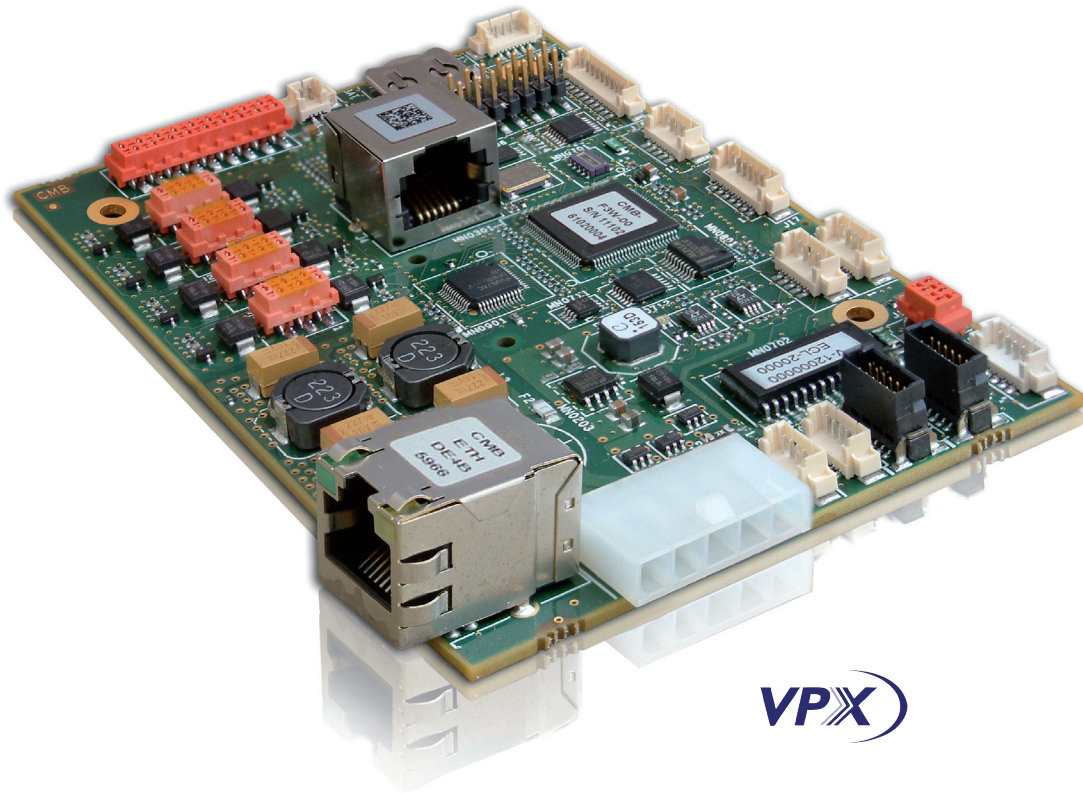


» CMB «



CMB - Chassis Monitoring Board

- » Management of Temperature, Fans and Power Supply
- » Alarm through Chassis Front Panel LEDs and SNMP Traps
- » Serial Line and TCP/IP Interface
- » Remote Management through Serial Line, Telnet, HTTP and SNMP
- » For use in VME, VPX and CompactPCI Chassis

Product Overview

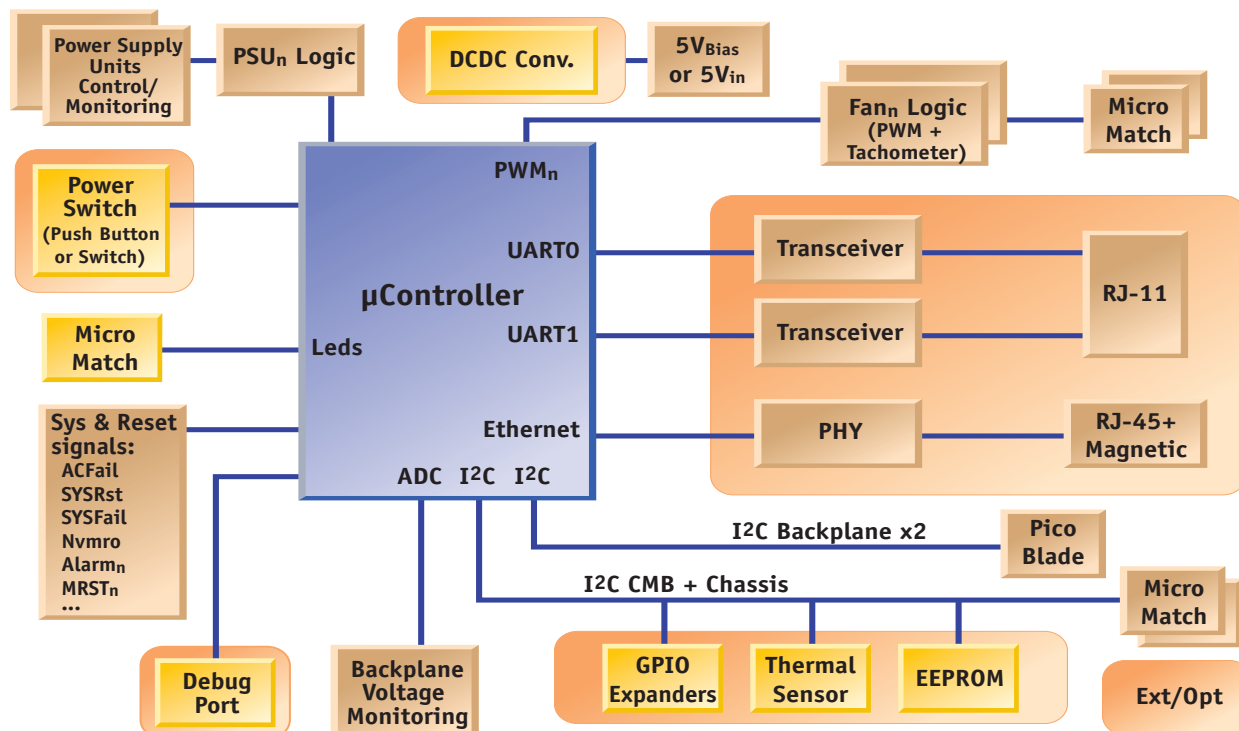
CMB (Chassis Monitoring Board) is the ideal board for simple and robust control and monitoring operations. The CMB is in charge of continuously watching and reporting critical vital signals of the system, and would trigger alarm in case of detection of abnormal values.

CMB can control up to height temperature sensors in the chassis, up to height fans (PWM control and tachometer feedback) and up to height power modules (control and monitoring, including redundancies if any).

CMB is also in charge of switching the system on or off, reset the boards (individual reset or general reset), and can be used in Kontron VME, VPX or CompactPCI chassis.

CMB can be configured by software to manage specific topologies of temperature sensors, fans and power supplies.

CMB has been designed to run from a 5V standby power thanks to its very low power consumption (< 1W).



Technical Information		Environmental Specifications	
Power Supply	5V (4.5V to 6V)	Rugged	
Current Consumption	200 mA	Operating	-40°C to +85°C
Mechanical Dimensions	61.7 mm x 76.6 mm	Storage	-45°C to +85°C
Software	Monitoring software running on Freescale's MQX RTOS		

Ordering Information		
Article	Part.-No.	Description
CMB	CMB-F4W-01	Chassis Monitoring Board FAN 4 WIRES -40°C to +85°C operating
CMB	CMB-F3W-01	Chassis Monitoring Board FAN 3 WIRES, -40°C to +85°C operating

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