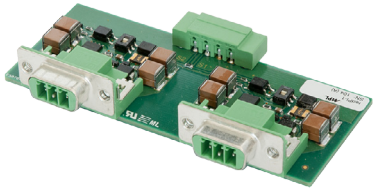
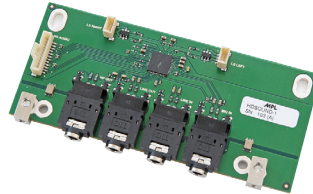


Expansion Options for the CEC



REDPI
redundant power input



HDSound
sound module



CHIME
mPCIe expansion

General Description

Although the MPL Processor boards are traditionally equipped quite well, special interfaces like sound or standard PCI slots are sometimes required in industrial applications. Therefore, we provide you with a selection of optional expansion modules to further extend the capabilities of the MPL processor boards..

Key features are

- Low power usage
- Rugged design
- Long-term availability*
- Environment temperature up to -40°C to +85°C

MPL expansions options have been designed to withstand harsh environments and extreme temperature conditions. The special rugged design, combined with the best industrial-grade components, offer high reliability and long-term performance.

MPL products are 100% designed and manufactured in Switzerland. All products are fanless, shock and vibration proof, low power, rugged, and long-term* available. The perfect solution for a system to be used in rugged environments.

* Typically 10 years or more, 20+ repair

Special Features

- ECC DDR3 memory modules (extended temperature)
- Specific interface for vehicle operation
- On-board soldered flash
- Space for mSATA and/or SATA 2.5" disks
- mPCIe expansion bus up to 7 slots
- Extended temperature option (-40°C to +85°C)
- Coated and bonded versions
- Marine certified versions (IEC60945)
- Railway certified versions (EN50155)

CEC Options

Power Options

BOLERO	UPS integrated -40 to 75°C / 0°C to 60°C
PIPVIN	9-36V/18-72V/43-160V input
REDPI	Redundant power input

Expansion Options

CHIME	mPCIe expansion up to 6 slots
DIME	mPCIe expansion up to 2 slots / 4 USB 2.0

Various Add-on

SERIF	RS232 / isolated RS422/485 module
HDSound	Sound module
DUALDP-1	Second display port module
VGA-1	VGA adapter kit



All MPL products are 100% designed and manufactured in Switzerland.

MPL AG is an ISO9001 certified company



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