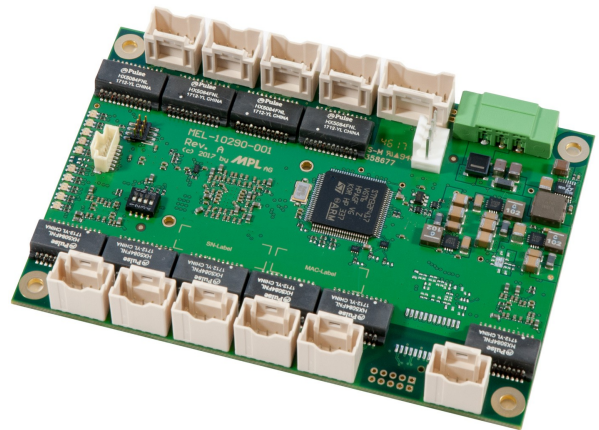


## Next Generation Managed Rugged Gigabit Switch Solution with 10-, 19-, or 28-Ports

MPL broadens their reliable and rugged Switch Family with a 10-port Open Frame Switch that can be expanded up to 28 ports. The new solution is designed according to MPL's design philosophy which includes; long-term availability, extended temperature capability, flexibility, and low power requirements.

**Dättwil Switzerland, June, 2018**

The new  $\mu$ MAGBES switch comes as managed and unmanaged version and integrates 10 ports with 1Gbit. The rugged switch can be expanded in steps of 9 ports (19, 28,... ports). All ports are executed as lockable headers to meet application needs in various industries like railways, maritime, defense, or any rugged industrial environment. It is the perfect switch to build packaged solutions, regardless if RJ45, M12, or MIL-38999 connectors are needed. The solution can even be equipped with fiber ports. The open frame  $\mu$ MAGBES switch is extremely compact (115 x 75 mm). Hence it is the perfect solution to be customized and integrated in small places. All ports have status LEDs, showing the activity and speed of each port. The LED signals can also be accessed remotely. The same applies also for the reset switch and the default settings.



The input power requirement of the  $\mu$ MAGBES is 5-36VDC and the device uses less than 6W at full speed with 10 ports operational. The product can be operated in an environment of -20°C up to +60°C, and optionally -40°C to +85°C. The  $\mu$ MAGBES does not need to be cooled by a fan.

The  $\mu$ MAGBES product supports features such as ( but not limited too):

- Configurable via Web Interface (including SSL), Telnet, SNMP (incl. SNMPv3) or RS232
  - Port-based and IEEE 802.1Q VLAN
  - IEEE 802.1D Rapid Spanning Tree Protocol
  - IEEE 802.1X MAC Address Checking
  - Quality of Service
  - Port monitoring
  - Switch Statistics
- Digital diagnostic monitoring (DDM) according SFF-8472
- Firmware Update via HTTP or TFTP
- Down- and up-loadable configuration files in XML format
- IGMPv3 support
- Port trunking

These features, other functionalities and the flexibility make  $\mu$ MAGBES the ideal candidate for any robust, industrial and secure network application. Due to the low power consumption, robust and flexible design, the product is well suited for embedded systems and solutions. The  $\mu$ MAGBES is available as open frame solution as well as in configurations with RJ45 or M12 connectors (partially or all ports). All integrated in enclosures with DIN-Rail, flange, or 19" rack mounting. In addition MPL provides solutions with an IP67 MIL enclosure and MIL connectors of the customer choice.

The  $\mu$ MAGBES 10-port switch (HW & SW) is 100% designed and manufactured by MPL AG in Switzerland. This guarantees best quality, long-term availability, and longtime repair, and gives you security you can trust. More information regarding the  $\mu$ MAGBES 10-port switch can be found on MPL's website

### *About the Company*

MPL AG is located in Switzerland and was founded in 1985. Since the beginning, MPL stands for robust designs, long-term availability, low power consumption, and fanless concepts. The products are designed from scratch to succeed in extended temperature and meeting the high demands of rugged environments.

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