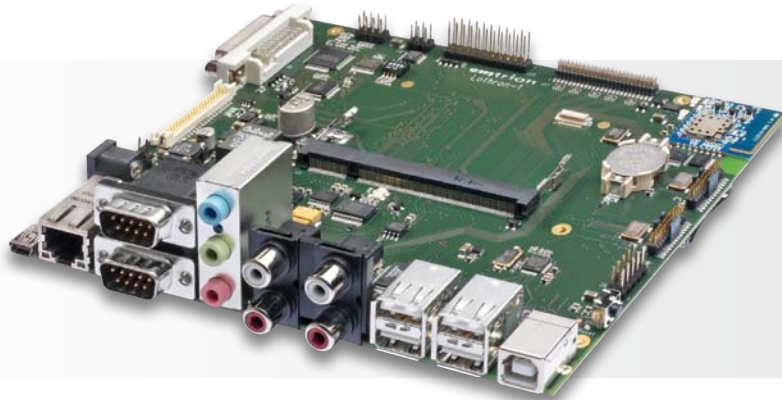


DIMM-Base Lothron

Base Board for DIMM Modules



DIMM-Base Lothron



Key features:

- RJ45 connector for 100Base-TX Ethernet
- 4-port USB 2.0 High Speed Hub with 4 USB-A connectors for USB-Host
- USB-B connector for USB Device
- Sockets for SD and microSD cards
- Analog and digital Audio input and output
- Composite Video input and output
- Extension connector with SPI, I²C and digital I/O
- Up to 10 GPIO depending on DIMM-Module
- Extension connector with CPU-Bus Interface
- 2 generic interfaces for digital CMOS Camera
- Interface for TFT LCDs with 4-wire Touch
- DVI-I (analog and digital) Interface for connection of standard LCD or CRT monitors
- Up to 5 serial interfaces, thereof 2*RS232 on DB9 connectors and 3*LVTTTL on Header connectors
- 2 CAN-Bus connectors (LVTTTL)
- Up to 4 analog inputs
- On-board WiFi 802.11 b/g Module
- On-board 3D-Accelerometer
- Integrated UART-RS232 to USB converter for connection to a PC without a serial port
- 200 pos. SODIMM socket with 2.5V keying for connection of an emtrion CPU-Module
- Power supply either from external +5V PSU or through Power over Ethernet (PoE)
- Temperature range: 0°C ... +70°C
- Size: 166 x 140 x 43 mm

Order description:

- DIMM-Base Lothron

Available as:

- Developer kit plus with DIMM-SH7723, DIMM-SH7724, DIMM-MX257 or DIMM-MX537
- Reference design available



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