Data sheet

LOG4TAIN

Hardware characteristics

The system has the following characteristics:
- ▶ Dual Core Cortex A9 processors @ 666 MHz.
- ▶ 512MB DDR3 RAM, clocked at 533 MHz
- ▶ 16 MB QSPI Flash for ROM
- ▶ 2 GB NAND Flash
- ▶ CFast slot (SATA)
- ▶ Up to 2 10/100/1000 Mbit/s Ethernet on M12 connector
- ▶ 2 USB 2.0 port
- ▶ 1 insulated Front Panel USB-Serial interface for console/diagnostic
- ▶ Up to 4 LTE modems
- ▶ GSM-R modem
- ▶ User accessible EEPROM and temperature sensors
- ▶ IEEE 802.11 a/b/g/n (WiFi) client (2 external SMA antenna)
- ▶ GPS/Glonass/Galileo high precision receiver

Please contact directly LVD Systems for any other information needed for this product

QUALITY SYSTEM CERTIFICATION
DNV·GL
ISO 9001

Lvd Systems S.r.l
Embedded Computing Solution

Environmental characteristics:

- ▶ Power Supply
  - ▪ INT24 : Min +9V, max +48V DC
  - ▪ High Voltage: Min +49V, max 88V
- ▶ Maximum power supply glitch with no power > 20 ms
- ▶ Operating temperature -40°C to +72°C, according to EN50155 class TX
- ▶ Storage temperature -40°C to +85°C, according to EN50155 class TX
- ▶ Humidity (non condensing), according to EN50155 class TX
- ▶ Power Consumption
  - ▪ Max: 15 W
  - ▪ Typ: 12 W
- ▶ Vibration, Shock (permanent) and Shock (single)
  - ▪ According to
    - o IEC 60068-2-64:2008
    - o EN 61373:2000 Cat.1 CI.B
  - ▪ Worst case value for all axis

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