Broader range of EN50155 Railway Applications Certified MPL Embedded Computers

Valued reader,

We are pleased to inform you that the MPL Railway Computer product range has been expanded. The CEC10 Family (based on the Intel E3800 CPUs) and the PIP39 (i7 Quad Core CPU) have successfully been tested according the EN50155 Standard (Railway applications Electronic equipment used on rolling stock).

For the temperature tests, the Class Tx has been chosen, which means -40°C to +70°C and +85°C for the duration of 10 minutes. For shock and vibration, Class 2 (Bogie mounted) has been selected which the second most severe vibration test standard in the railways industry. The tested products are ready to be delivered.

For further details or test results you may contact us any time.

MPL product solutions are modular designed and therefore can be easily expanded and customized to meet market and various customer needs. Depending on the selected product range, up to five GigE LAN ports on M12 (D-coded or X-coded) can be offered. The input power ranges from 9-36VDC, 18-48VDC, or 60-163VDC. The devices can also be equipped with redundant power input. Additional functions like WLAN, PoE, GPS, etc., can be integrated as well.

Combined with the other Railways certified Embedded Solutions, we can offer from a low end Intel Atom up to i7 Quad Core CPU's. To complete the Railway product portfolio, we also offer an EN50155 certified Firewall, the GUARD-F12 and switch solutions. (MAXBES)

If you have any other requirements, different standards you need to fulfill or require more information, feel free to contact us.

Further information regarding our EN50155 product line, can also be found on our homepage www.mpl.ch/railway

Kind regards,

Your MPL team

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