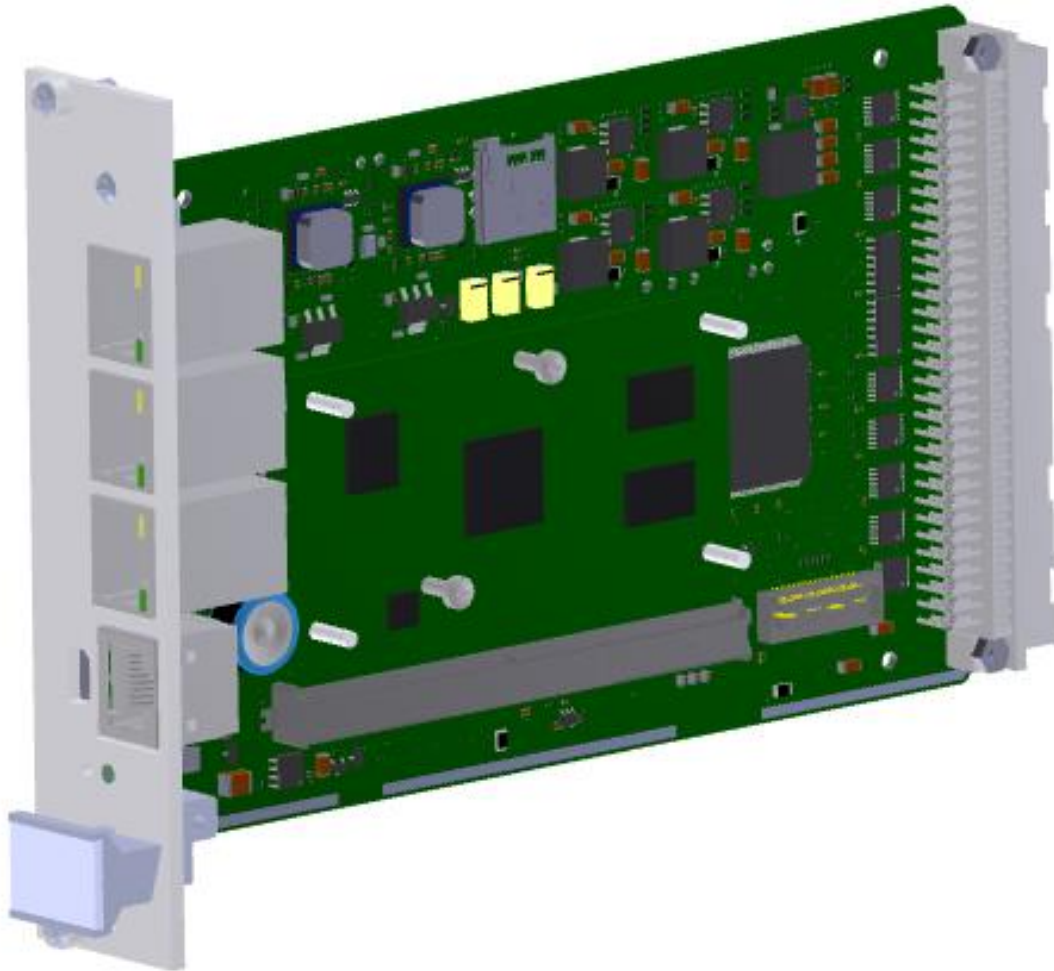




X7-PSM1

CPU BOARD

ID 30552



CPU board is used to manage the X7 system card cage and optionally VME for implementing control functions. Card performance is dependent on the CPU module installed. The package can have a mSATA SSD or microSD. The processor can run under QNX® and Linux operating systems.



BASIC PARAMETERS:

Operating temperature range: 0°C to +70°C
-40°C to +85°C (optionally)

Relative Humidity: to 95%

BUS CONNECTOR INTERFACES:

Power supply: 24V DC \pm 20% / 350mA
Power dissipation: to 8W

Available interfaces: Ethernet : 3 \times 1 Gb/s
VME bus: Master
HDD: 1 \times mSATA, microSD
USB: 1 \times USB 2.0
Serial 1 \times RS232

CONNECTOR INTERFACES ON THE FRONT PANEL:

GALVANIC ISOLATION:

Front panel / system supply 1kV DC
ETH port / system supply 0,5kV DC

SOFTWARE:

The following operating systems can be used: Linux, QNX®

POSSIBLE MANUFACTURING OPTIONS:

Conformal coating

DIMENSIONS:

Card dimensions: 100x160 mm
Front panel width: 6TE (30 mm)
Weight: ca. 210g

