



digsy[®] MTC

Powerful 32bit process- and communication controller for mobile applications.

Free programmable in IEC-61131-3 (CoDeSys)

digsy[®] MTC is based on an extremely powerful 400 MHz, 32-bit MPU and a 64-bit FPU. Thus it can satisfy demanding requirements, such as complex trigonometrical calculations in real-time.

The *digsy*[®] MTC offers 4x CANbus (CANopen, J1939 or proprietary protocols), 2x RS-232, USB and Ethernet.

Technical data

digsy[®] MTC

- 32-bit microprocessor: MPC 5200, 400MHz
- 64-bit floating point unit
- 32MB SDRAM (expandable to 256MB)
- 16MB Flash-EEPROM (expandable to 64MB)
- CF-card, 1GB
- 4x CANbus interfaces
- 2x RS-232 interfaces
- 1x Ethernet interface
- 1x USB interface for memory sticks
- Real time clock
- 2 digital inputs
- 2 digital outputs, max. 400mA, short circuit /overload proof
- 12 status-LED's (6 of them free programmable)
- 1 push button (free programmable)
- Discrete system monitoring
- Programmable in IEC-61131-3 (CoDeSys)

CANbus-Interfaces

- High speed CANbus-Interfaces (CANopen protocol or CLLI)
- Baudrates: 20 kBit/s...1 MBit/s

General:

- Operating voltage: 8...32V
- Operating temperature: -40°C...+80°C
- Shock and vibration proof
- EMC proof according to automotive norms
- Environmental protection according to IP66
- Dimensions: 185 x 158 x 70mm

Order codes

digsy[®] MTC 4885.85.002

Accessories

- CANbus terminator, M12-connector 4305.85.001
- CANbus terminator, M12-socket 4305.85.002
- Power supply cable, 1.5m 4305.85.003
- CAN cable, 1.5m, M12-socket/loose end 4308.32.001
- CAN cable, 1.5m, M12-connector/loose end 4308.32.002
- CAN cable, 3m, M12-socket/M12-connector 4308.32.003
- LAN-cable, 1.5m, M12 connector/RJ45 4308.33.001
- RS-232 cable, M12 connector/Sub-D socket 4308.34.001
- Dig. in/out cable, 1.5m, M12-connector/loose end 4308.35.001

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