Specifications | Motar Dx

Processing
- 32-bit dual-core lockstep CPU (180 MHz, floating point)
- Up to 2.3 MB RAM
- Up to 32 MB Flash
- RTC

Connectivity
- Up to 7 CAN busses
- Ethernet
- RS-232
- LIN

Protocols
- UDP
- J1939
- CANopen

I/O
- Up to 96 Digital I/Os
- Up to 24 12-bit ADC channels
- Up to 36 PWM outputs
- Up to 20 Timer inputs
- Up to 3 Sensor Supplies

Debugging / Calibration
- XCP over CAN
- XCP over UDP
- External Mode

Software Update
- TTConnect Wave (Remote)
- TTCDownloader

Motar Dx

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Specifications | Motar MMx

Processing
- 32-bit lockstep CPU up to 6 cores (300 MHz)
- Up to 6.5 MB RAM
- Up to 48 MB Flash
- Real-time operating system (Functional safe)

Connectivity
- Up to 4 CAN FD busses
- Up to 2 Ethernet ports (100 Mbit)
- LIN
- Up to 4 SENT lines

I/O
- Up to 42 Digital I/Os
- Up to 12 ADC channels
- Up to 26 PWM outputs
- Up to 12 Timer inputs
- Up to 4 H Bridges (Up to 45A load current)
- 3 Status LEDs

Protocols
- J1939
- CANopen
- UDP
- TCP/IP

Functional Safety
- ISO26262
- External shut-off path trigger

Debugging / Calibration
- XCP over CAN
- XCP over Ethernet
- External Mode

Software Update
- TTConnect Wave (Remote)
- UDS

Motar MMx

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