



EIDEL

- Innovative electronics

EDDAS – Serial Uart

EE 250-5308 Serial Uart



Preliminary Datasheet.

Characteristics:

- Rugged design for flight environment
- 4 Ch. isolated RS-485 half duplex.
- 4 Ch. isolated RS-485 receivers.
- 4 Ch. RS-232 receive and transmit.
- Fieldbus interface (RS- 485).
- Datarate RS-485 up to 20Mbit/s.
- Datarate RS-232 up to 1Mbit/s.
- Datarate fieldbus 1Mbit/s.
- Operation temp: -40°C to +85°C

Functionality

- Header detectors on all data receive channels.
- Time stamping on all received packets
- Communication with sensors on RS-485 duplex channels and RS-232 channels.
- Ask for sensor data by module.
- Power ON/OFF of sensor interfaces. Reduced power consumption when interface not used or configured.