



The module FlexTiny is an interface-hardware between FlexRay protocol devices and bus cables at a minimum size. It includes the Physical Layer device for the specific bus system. Bus termination can be selected by closing or opening soldering jumpers. It also provides the possibility of termination for the shielding of the bus cables if not implemented on the host module. It also offers an EEPROM that contains several parameters about the module itself and is inverse polarity protected by polarized connectors.

The FlexTiny family is available for different bus systems and can be applied on DG Tech products such as FlexXCon, FlexNode and FlexCard PXI.

FlexTiny 1080DS

- The driver module is equipped with a D-Sample of the FlexRay driver TJA1080.

FlexTiny CAN HS 1041

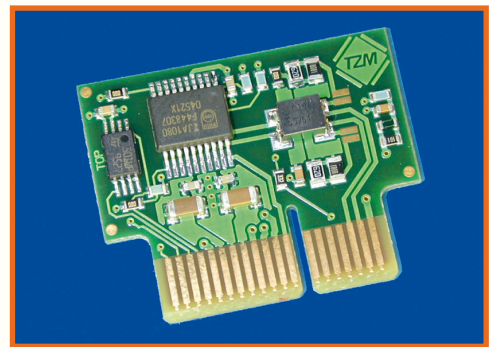
- The driver module is equipped with a CAN High-Speed driver TJA 1041.

FlexTiny RS232 3227

- The driver module is equipped with a RS232 driver MAX3227.

FlexTiny LIN 8082

- The driver module is equipped with a LIN driver TH 8082.



Technical features

- The FlexTiny has physical dimensions of 30mm width and 24mm height
- There are no parts mounted on the bottom side
- The module can be mounted either vertical or horizontal
- It is designed for card edge connectors of the MEC1-series from Samtec with a 1mm pitch, double sided with a total of 38 pins plus 2 pins for polarization