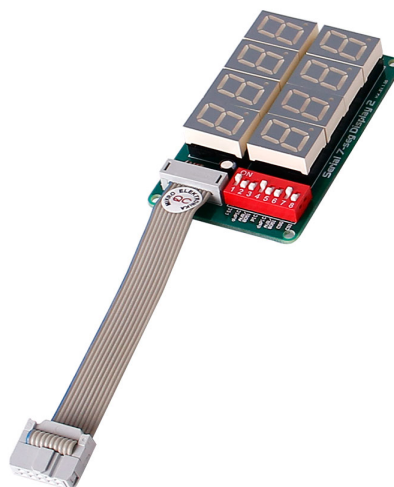


Serial 2

7-SEG Display

SPI Interfaced, LED Display Drivers



Description:

The Serial 7-seg Display Board features a compact, serial input/output common-cathode display driver MAX7219 used to interface MCUs to 7-segment numeric LED displays via SPI interface. The chip includes a BCD code-B decoder, multiplex scan circuitry, segment and digit drivers and 8x8 static RAM for storing digits. Display drivers are connected to 4 common-cathode LED displays. Board is equipped with a flat cable ending with IDC10 female header connector, which is compatible with all mikroElektronika development boards. It features eight 7-segment digits arranged in two rows of four digits.

Technical Specifications

Applications

- Board enables you to easily add eight 7-segment digits to your device, while saving microcontroller pins and processing power.

Key features

- MAX7219, serially interfaced, 8-digit LED display driver
- Industry standard SPI communication interface
- Easy adjustment of connector pin out using DIP switches
- Flat cable with IDC10 female header connector

Operating Voltage

- Board is designed to use 5V power supply only.

Key Benefits

- Compatible with all MikroE development boards.
- IDC10 connector enables easy connection with peripheral devices.
- Ready-to-use examples save development time.
- Supported in all MikroE compilers

