We have also made an extension board pin-compatible with your mikromedia+ board, which enables you to easily expand your basic board functionality. It is called mikromedia+ SHIELD for PIC32MX7®. The shield contains:

01 FTDI USB-UART chip
02 USB MINI-B connector
03 CAN transceiver
04 Screw terminals
05 mikroBUS sockets
06 Power supply screw terminals
07 Side connection pads
08 GNDs
09 Ethernet connector

* not provided in the package
Figure 1-2: mikromedia+ SHIELD for PIC32MX7® schematic