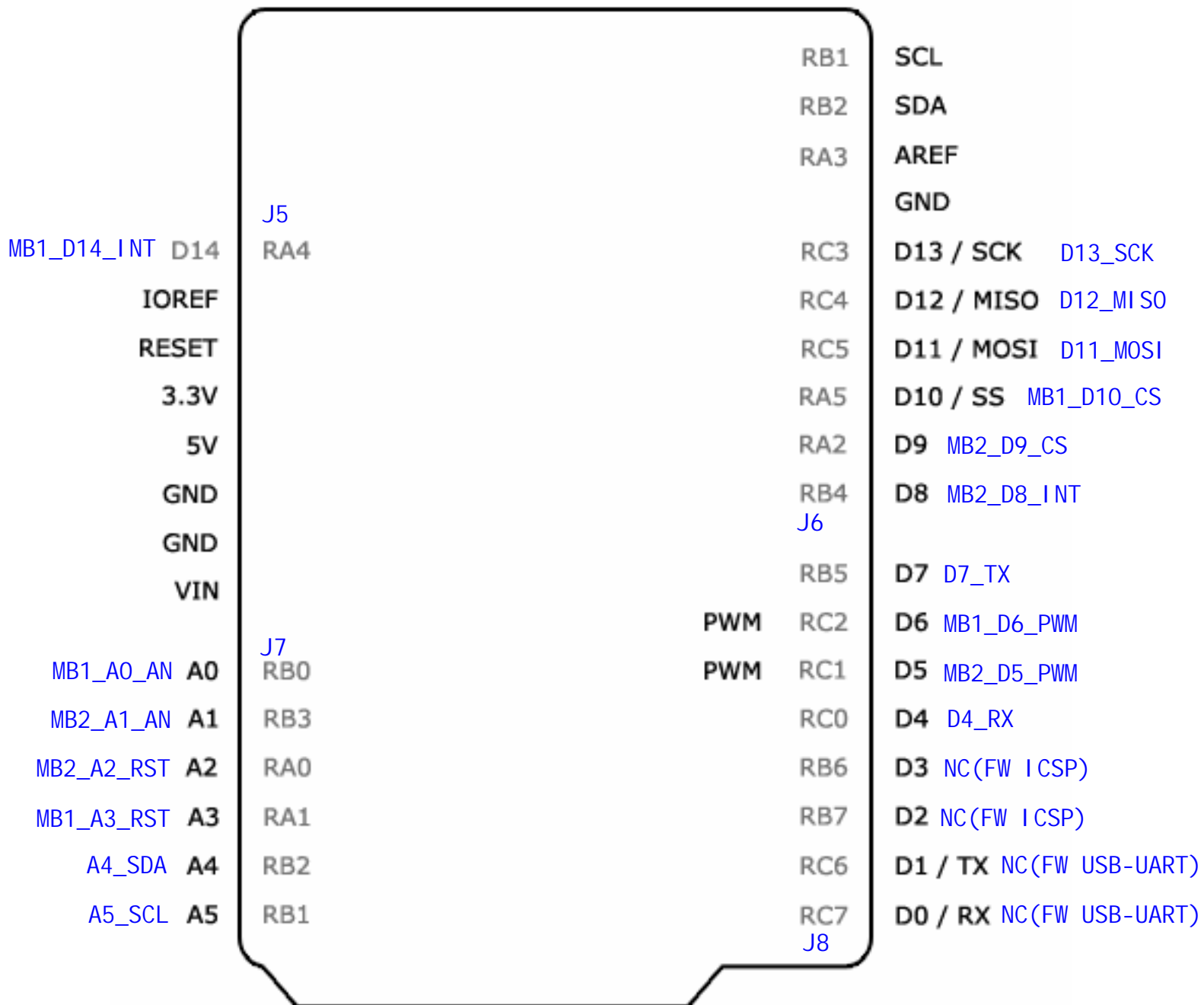


Mikroe UNO click shield connections
(MIKROE-1581 with modifications)

Firewing for PIC18

MB1 = mikrobuss socket 1
MB2 = mikrobuss socket 2
otherwise both sockets



modified UNO shield mapping

D3_INT -> D8_INT
D2_INT -> D14_INT
D1_TX -> D7_TX
D0_RX -> D4_RX
D3 unused, reserved for FW ICSP
D2 unused, reserved for FW ICSP
D1 unused, reserved for FW USB-UART1
D0 unused, reserved for FW USB-UART1

PIC RESOURCES (MAPPED VIA K40/Q10 PPS)

MSSP1 - MIKROBUS I2C
MSSP2 - MIKROBUS SPI
UART1 - FW USB VCOM
UART2 - MIKROBUS UART
(K22 must use bit-banged uart)
INT1 - MIKROBUS1 INT (K40/Q10, K22 CCP5/TOCKI)
INT2 - MIKROBUS2 INT (K40/Q10, K22 IOCB4)