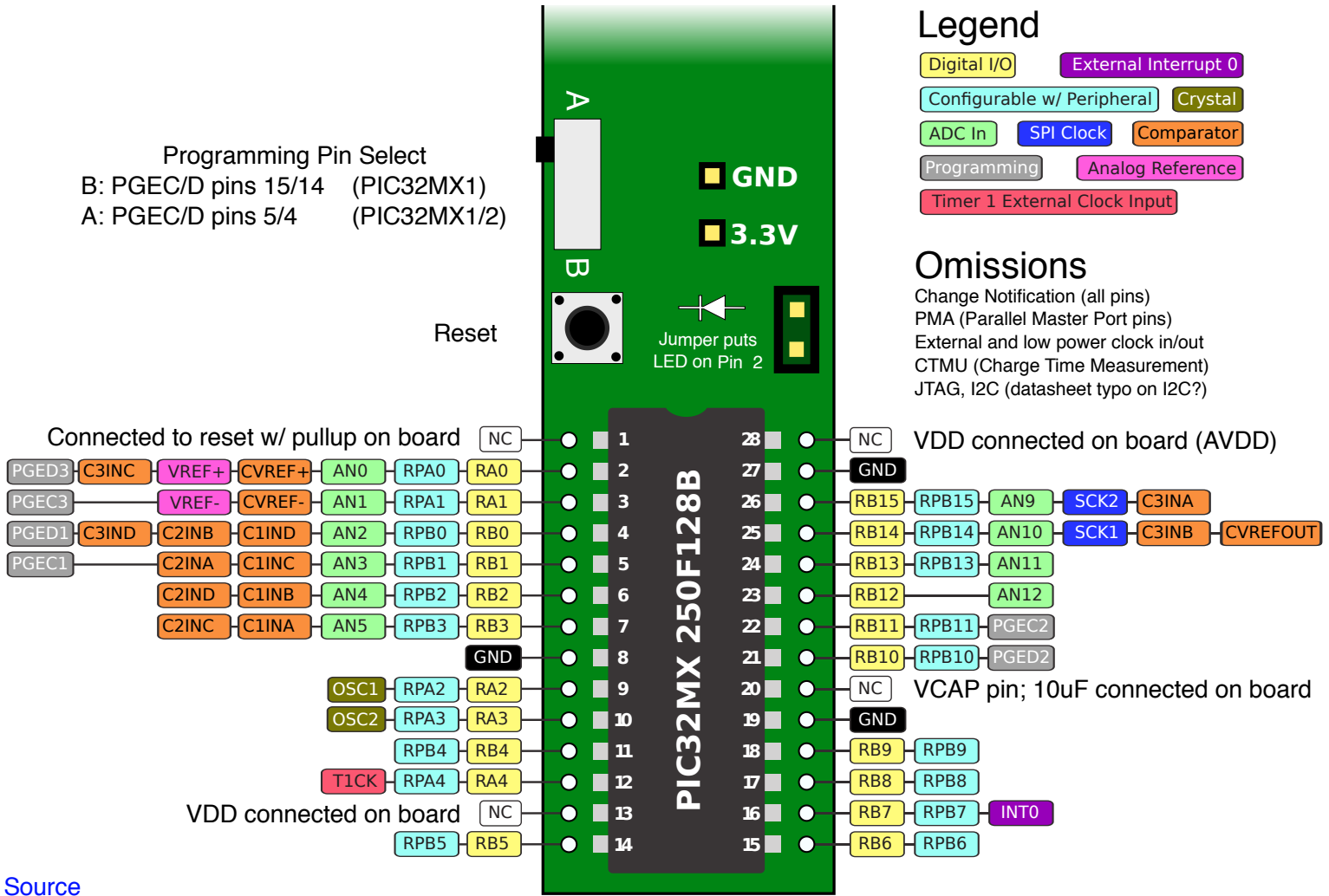


Microstick II w/ PIC32MX2xx Pinout



Inspired by pighixx's "Unofficial Arduino Uno Pinout Diagram"



Source

PIC32MX2xx Peripheral Pin Selection Tables

| Input (Peripherals map to Pin) | | |
|--------------------------------|------------------|--|
| Peripheral | Register, <Bits> | Pin Selection |
| External Interrupt 4 | INT4R <3:0> | 0000 = RPA0 0001 = RPB3 |
| Capture Input 4 | IC4R <3:0> | 0010 = RPB4 0011 = RPB15 0100 = RPB7 |
| SPI 1 Slave Sync | SS1R <3:0> | |
| External Interrupt 3 | INT3R <3:0> | 0000 = RPA1 0001 = RPB5 |
| Input Capture 3 | IC3R <3:0> | 0010 = RPB1 0011 = RPB11 0100 = RPB8 |
| UART 2 Receive | U2RXR <3:0> | |
| SPI 1 In | SDI1 <3:0> | |
| External Interrupt 2 | INT2R <3:0> | |
| Capture Input 1 | IC1R <3:0> | 0000 = RPA2 0001 = RPB6 |
| Capture Input 5 | IC5R <3:0> | 0010 = RPA4 0011 = RPB13 0100 = RPB2 |
| UART 1 Receive | U1RXR <3:0> | |
| SPI 2 In | SDI2R <3:0> | |
| External Interrupt 1 | INT1R <3:0> | 0000 = RPA3 0001 = RPB14 |
| Capture Input 2 | IC2R <3:0> | 0010 = RPB0 0011 = RPB10 |
| SPI 2 Slave Sync | SS2R <3:0> | 0100 = RPB9 |

| Output (Pins map to Peripheral) | | |
|---------------------------------|------------------|--|
| Pin | Register, <Bits> | Peripheral Selection |
| RPA0 | RPA0R <3:0> | |
| RPB3 | RPB3R <3:0> | 0000 = N/C 0001 = UART 1 Transmit |
| RPB4 | RPB4R <3:0> | 0011 = SPI 1 Slave Sync 0101 = Output Compare 1 0111 = Comparator 2 Out |
| RPB15 | RPB15R <3:0> | |
| RPB7 | RPB7R <3:0> | |
| RPA1 | RPA1R <3:0> | |
| RPB5 | RPB5R <3:0> | 0000 = N/C 0011 = SPI 1 Data Out 0100 = SPI 2 Data Out 0101 = Output Compare 2 0111 = Comparator 3 Out |
| RPB1 | RPB1R <3:0> | |
| RPB11 | RPB11R <3:0> | |
| RPB8 | RPB8R <3:0> | |
| RPA2 | RPA2R <3:0> | |
| RPB6 | RPB6R <3:0> | 0000 = N/C 0011 = SPI 1 Data Out 0100 = SPI2 Data Out 0101 = Output Compare 4 0110 = Output Compare 5 |
| RPA4 | RPA4R <3:0> | |
| RPB13 | RPB13R <3:0> | |
| RPB2 | RPB2R <3:0> | |
| RPA3 | RPA3R <3:0> | |
| RPB14 | RPB14R <3:0> | 0010 = UART 2 Transmit 0100 = ISPI 2 Slave Sync 0101 = Output Compare 3 0111 = Comparator 1 Out |
| RPB0 | RPB0R <3:0> | |
| RPB10 | RPB10R <3:0> | |
| RPB9 | RPB9R <3:0> | |

Omissions

Reference Clock In/Out
 Timer External Clock Input
 UART CTS, RTS
 Output Compare Fault Input
 Pins unavailable on PDIP (RPCx, etc.)

Source 1
 Source 2