

StickOS Microchip MCU Crystal and Pin Pre-Assignment Details

	<i>heartbeat LED pin¹</i>	<i>safemode* (autorun disable) switch pin¹</i>	<i>UART Transport data pins²</i>	<i>I2C data pins</i>	<i>QSPI data pins</i>	<i>QSPI cs* pin¹</i>	<i>ZigFlea rst* pin^{1,4}</i>	<i>ZigFlea attn* pin^{1,3,4}</i>	<i>ZigFlea rxtxen pin^{1,4}</i>	<i>ZigFlea irq* pin</i>
<i>mcu direction</i>	<i>out</i>	<i>in</i>	<i>in/out</i>		<i>in/out/out</i>	<i>out</i>	<i>out</i>	<i>out</i>	<i>out</i>	<i>in</i>
PIC32MX7-80 w/8MHz crystal	re0	re6	rf4 (u2) rf5 (u2)	scl1 (rd10 ra14) sda1 (rd9 ra15)	sdi2 (rg7) sdo2 (rg8) sck2 (rg6)	re1	re2	re3	re4	int1*
PIC32MX4-80 w/8MHz crystal	re0	re6	rf4 (u2) rf5 (u2)	scl1 (rd10 ra14) sda1 (rd9 ra15)	sdi2 (rg7) sdo2 (rg8) sck2 (rg6)	re1	re2	re3	re4	int1*
PIC32MX3-80 w/8MHz crystal	re0	re6	rf4 (u2) rf5 (u2)	scl1 (rg2) sda1 (rg3)	sdi2 (rg7) sdo2 (rg8) sck2 (rg6)	re1	re2	re3	re4	int1*

¹ may be reassigned persistently with the “pins” command

²UART Transport: 9600 baud, 8 data bits, no parity, 1 stop bit (2 stop bits for non-chipKITs prior to v1.92), xon/xoff; baud rate may be persistently changed with "baud" command

³ not needed by StickOS

³ not assigned for chipKITs