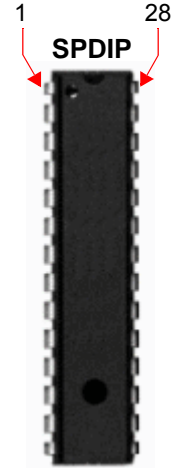
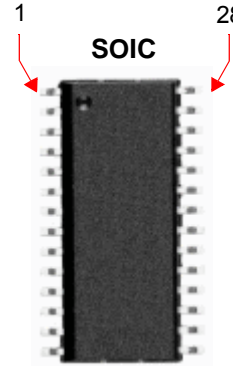
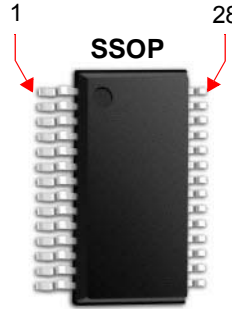


PIC32MX1XX/2XX 28/36/44-PIN FAMILY

TABLE 4: PIN NAMES FOR 28-PIN USB DEVICES

28-PIN SOIC, SPDIP, SSOP (TOP VIEW)^(1,2,3)

PIC32MX210F016B
PIC32MX220F032B
PIC32MX230F064B
PIC32MX230F256B
PIC32MX250F128B
PIC32MX270F256B



Pin #	Full Pin Name	Pin #	Full Pin Name
1	MCLR	15	V _{BUS}
2	PGED3/VREF+/CVREF-/AN0/C3INC/RPA0/CTED1/PMD7/RA0	16	TDI/RPB7/CTED3/PMD5/INT0/RB7
3	PGEC3/VREF-/CVREF-/AN1/RPA1/CTED2/PMD6/RA1	17	TCK/RPB8/SCL1/CTED10/PMD4/RB8
4	PGED1/AN2/C1IND/C2INB/C3IND/RPB0/PMD0/RB0	18	TDO/RPB9/SDA1/CTED4/PMD3/RB9
5	PGEC1/AN3/C1INC/C2INA/RPB1/CTED12/PMD1/RB1	19	V _{SS}
6	AN4/C1INB/C2IND/RPB2/SDA2/CTED13/PMD2/RB2	20	V _{CAP}
7	AN5/C1INA/C2INC/RTCC/RPB3/SCL2/PMWR/RB3	21	PGED2/RPB10/D+/CTED11/RB10
8	V _{SS}	22	PGEC2/RPB11/D-/RB11
9	OSC1/CLKI/RPA2/RA2	23	V _{USB3V3}
10	OSC2/CLKO/RPA3/PMA0/RA3	24	AN11/RPB13/CTPLS/PMRD/RB13
11	SOSCI/RPB4/RB4	25	CVREFOUT/AN10/C3INB/RPB14/V _{BUSON} /SCK1/CTED5/RB14
12	SOSCO/RPA4/T1CK/CTED9/PMA1/RA4	26	AN9/C3INA/RPB15/SCK2/CTED6/PMCS1/RB15
13	V _{DD}	27	AV _{SS}
14	TMS/RPB5/USBID/RB5	28	AV _{DD}

- Note**
- 1: The RPN pins can be used by remappable peripherals. See [Table 1](#) for the available peripherals and [Section 11.3 "Peripheral Pin Select"](#) for restrictions.
 - 2: Every I/O port pin (RAX-RCx) can be used as a change notification pin (CNAx-CNCx). See [Section 11.0 "I/O Ports"](#) for more information.
 - 3: Shaded pins are 5V tolerant.