

The alternate pin configuration is as follows:

- **RESET/PCINT14 – Port C, Bit 6**

RESET, Reset pin: When the RSTDISBL Fuse is programmed, this pin functions as a normal I/O pin, and the part will have to rely on Power-on Reset and Brown-out Reset as its reset sources. When the RSTDISBL Fuse is unprogrammed, the reset circuitry is connected to the pin, and the pin can not be used as an I/O pin.

If PC6 is used as a reset pin, DDC6, PORTC6 and PINC6 will all read 0.

PCINT14: Pin Change Interrupt source 14. The PC6 pin can serve as an external interrupt source.

- **SCL/ADC5/PCINT13 – Port C, Bit 5**

SCL, 2-wire Serial Interface Clock: When the TWEN bit in TWCR is set (one) to enable the 2-wire Serial Interface, pin PC5 is disconnected from the port and becomes the Serial Clock I/O pin for the 2-wire Serial Interface. In this mode, there is a spike filter on the pin to suppress spikes shorter than 50 ns on the input signal, and the pin is driven by an open drain driver with slew-rate limitation.

PC5 can also be used as ADC input Channel 5. Note that ADC input channel 5 uses digital power.

PCINT13: Pin Change Interrupt source 13. The PC5 pin can serve as an external interrupt source.

- **SDA/ADC4/PCINT12 – Port C, Bit 4**

SDA, 2-wire Serial Interface Data: When the TWEN bit in TWCR is set (one) to enable the 2-wire Serial Interface, pin PC4 is disconnected from the port and becomes the Serial Data I/O pin for the 2-wire Serial Interface. In this mode, there is a spike filter on the pin to suppress spikes shorter than 50 ns on the input signal, and the pin is driven by an open drain driver with slew-rate limitation.

PC4 can also be used as ADC input Channel 4. Note that ADC input channel 4 uses digital power.

PCINT12: Pin Change Interrupt source 12. The PC4 pin can serve as an external interrupt source.

- **ADC3/PCINT11 – Port C, Bit 3**

PC3 can also be used as ADC input Channel 3. Note that ADC input channel 3 uses analog power.

PCINT11: Pin Change Interrupt source 11. The PC3 pin can serve as an external interrupt source.

- **ADC2/PCINT10 – Port C, Bit 2**

PC2 can also be used as ADC input Channel 2. Note that ADC input channel 2 uses analog power.

PCINT10: Pin Change Interrupt source 10. The PC2 pin can serve as an external interrupt source.