

The alternate pin configuration is as follows:

- **AIN1/OC2B/PCINT23 – Port D, Bit 7**

AIN1, Analog Comparator Negative Input. Configure the port pin as input with the internal pull-up switched off to avoid the digital port function from interfering with the function of the Analog Comparator.

PCINT23: Pin Change Interrupt source 23. The PD7 pin can serve as an external interrupt source.

- **AIN0/OC0A/PCINT22 – Port D, Bit 6**

AIN0, Analog Comparator Positive Input. Configure the port pin as input with the internal pull-up switched off to avoid the digital port function from interfering with the function of the Analog Comparator.

OC0A, Output Compare Match output: The PD6 pin can serve as an external output for the Timer/Counter0 Compare Match A. The PD6 pin has to be configured as an output (DDD6 set (one)) to serve this function. The OC0A pin is also the output pin for the PWM mode timer function.

PCINT22: Pin Change Interrupt source 22. The PD6 pin can serve as an external interrupt source.

- **T1/OC0B/PCINT21 – Port D, Bit 5**

T1, Timer/Counter1 counter source.

OC0B, Output Compare Match output: The PD5 pin can serve as an external output for the Timer/Counter0 Compare Match B. The PD5 pin has to be configured as an output (DDD5 set (one)) to serve this function. The OC0B pin is also the output pin for the PWM mode timer function.

PCINT21: Pin Change Interrupt source 21. The PD5 pin can serve as an external interrupt source.

- **XCK/T0/PCINT20 – Port D, Bit 4**

XCK, USART external clock.

T0, Timer/Counter0 counter source.

PCINT20: Pin Change Interrupt source 20. The PD4 pin can serve as an external interrupt source.

- **INT1/OC2B/PCINT19 – Port D, Bit 3**

INT1, External Interrupt source 1: The PD3 pin can serve as an external interrupt source.

OC2B, Output Compare Match output: The PD3 pin can serve as an external output for the Timer/Counter0 Compare Match B. The PD3 pin has to be configured as an output (DDD3 set (one)) to serve this function. The OC2B pin is also the output pin for the PWM mode timer function.

PCINT19: Pin Change Interrupt source 19. The PD3 pin can serve as an external interrupt source.