20.3.3 DIDR1 – Digital Input Disable Register 1

Bit	7	6	5	4	3	2	1	0	
(0x7F)	–	–	–	–	–	–	AIN1D	AIN0D	DIDR1
Read/Write	R	R	R	R	R	R	R/W	R/W	
Initial Value	0	0	0	0	0	0	0	0	

- **Bit 7..2 – Res: Reserved Bits**

These bits are unused bits in the ATmega48P/88P/168P/328P, and will always read as zero.

- **Bit 1, 0 – AIN1D, AIN0D: AIN1, AIN0 Digital Input Disable**

When this bit is written logic one, the digital input buffer on the AIN1/0 pin is disabled. The corresponding PIN Register bit will always read as zero when this bit is set. When an analog signal is applied to the AIN1/0 pin and the digital input from this pin is not needed, this bit should be written logic one to reduce power consumption in the digital input buffer.