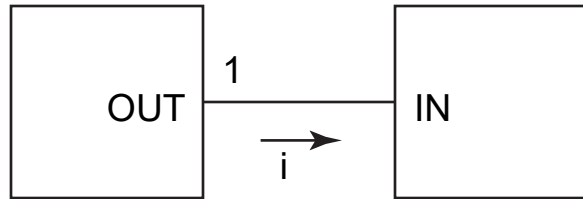


Interface Checklist (revised 10/09/17)  
ESE280 Ken Short

AVR128DB48  
A

SCD41  
B



$$V_{OHmin(A)} > V_{IHmin(B)}$$

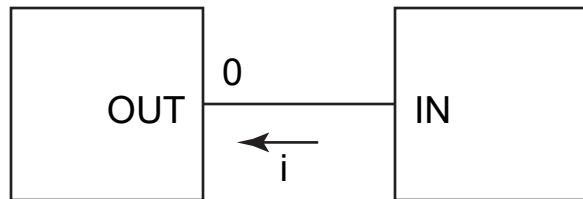
$$\underline{2.6\text{ V}} > \underline{2.145\text{ V}}$$

$$I_{OHmax(A)} > I_{IHmax(B)}$$

$$\underline{6\text{ mA}} > \underline{1\text{ uA}}$$

A

B



$$V_{OLmax(A)} < V_{ILmax(B)}$$

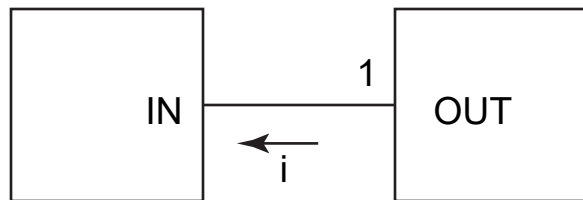
$$\underline{0.6\text{ V}} < \underline{0.99\text{ V}}$$

$$I_{OLmax(A)} > I_{ILmax(B)}$$

$$\underline{10\text{ mA}} > \underline{1\text{ uA}}$$

A

B



$$V_{IHmin(A)} < V_{OHmin(B)}$$

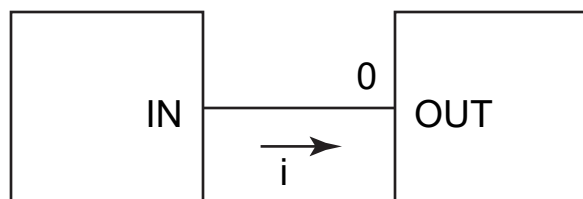
$$\underline{2.31\text{ V}} < \underline{2.145\text{ V}}$$

$$I_{IHmax(A)} < I_{OHmax(B)}$$

$$\underline{5\text{ nA}} < \underline{330\text{ uA}}$$

A

B



$$V_{ILmax(A)} > V_{OLmax(B)}$$

$$\underline{0.99\text{ V}} > \underline{0.66\text{ V}}$$

$$I_{ILmax(A)} < I_{OLmax(B)}$$

$$\underline{5\text{ nA}} < \underline{3\text{ mA}}$$