

<b>SIGNAL</b>	<b>IN/OUT</b>	<b>DIGITAL/ANALOG</b>
UP	IN	DIGITAL
DOWN	IN	DIGITAL
BACK	IN	DIGITAL
HOME_POS	IN	DIGITAL
SPRINKLER	OUT	DIGITAL
MOTOR	OUT	ANALOG

<b>PIN</b>	<b>NOTE</b>
2 (PD0)	always LOW, HIGH when pressed
3 (PD1)	always LOW, HIGH when pressed
4 (PD2)	always LOW, HIGH when pressed
5 (PD3)	LOW = true
6 (PD4)	always LOW, HIGH when active
12 (PD6)	Voltage of 3V -> $(255/5)*3 = 153$ (slow mode) or 5V -> 255 (fast mode)