

Hay Hoist - ATmega328PB Port/Pin Allocation

Date: 2024-07-22

Channel		0	1	2	3	4	5	6	7		
Port											
B				X MTX	X MRX	S SCK	S XTAL1	S XTAL2			Unused/Not available
C		I S1	I S2	I S6	I S5	I S3	I S4	S RESET			USART
D		X CRX	X CTX	O LED	X V1(PWM)	O R4	O R3	O R1	O R2		Out
E					A A1						In

Pin Modes

I: Digital Input  
O: Digital Output  
A: Analog  
X: Alternate Function  
S: Additional Function

Signals

V1	Throttle (0-5V)	S1 - S6	Switch Inputs 1-6
A1	Battery Sense	R1 - R4	Relay Outputs 1-4
MTX/RX	Motor Serial Port	LED	Indicator LED
CTX/CRX	Console Serial Port		