

Tiva Pinouts

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Left Motor Direction	1	PB0	PA2	20	SSI0Clk				
Right Motor Direction	2	PB1	PA3	19	SSI0Fss				
Ball Detection IR LED	3	PB2	PA4	18	SSI0Rx				
Ball Detection IR Sense	4	PB3	PA5	17	SSI0Tx				
Flicker Servo	5	PB4	PA6	16	Team Indicator LED Enable				
Limit Switch	6	PB5	PA7	15	Construction In-Progress				
Left Motor Speed	7	PB6	PC4	14	IR Beacon Capture				
Right Motor Speed	8	PB7	PC5	13					
	9	NC	PC6	12	Magnetic Field Capture				
	10	GND	PC7	11					

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	1	NC	NC	24					
	2	GND	PD0	23	Beacon Transmission				
Tape Sensor 0	3	PE0	PD1	22	Requesting Ball				
Tape Sensor 1	4	PE1	PD2	21					
Tape Sensor 2	5	PE2	PD3	20					
Tape Sensor 3	6	PE3	NC	19					
Tape Sensor 4	7	PE4	NC	18					
Tape Sensor 5	8	PE5	PD6	17	Team Selection Switch				
	9	PF4	PD7	16					
	10	PF3	PF0	15	Ball Deploy Motor				
	11	PF2	PF1	14	Tape Sensor LED				
	12	NC	NC	13					

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