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Lorry Trailer (EDP1)

Channel	Function	Pin	Info	Implementation
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1	Legs	A4	Prop to ESC to control Legs Motor	P - Proportional
2	Rear/Stop Lights	6	PWM to LEDs (Off/Mid/High)	1 - Prop LED whole swing
3	Indicator	8	Off/On	S - using direction
4	Indicator	9	Off/On	S - using direction
5	Reversing Light	11	Off/On	S - using direction
6	ToggleSwitch	-		T - Off/On, Mid/High & Mid/Low

TSwitch	Function			
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1	= High Vis Rear Light	12	Off/On	0 - Low/High
2	= Spare			
5	= Debug - info output	USB	Display with TTY screen on PC (ArduinoIDE or PuTTY)	
			Level 3=everything; 2= Power level & FlashingTrailerMarkerLights;	
			1=infrequent messages (legs, ...)	
6	= Use separate LED to show TSwitch No.	A0	Number of flashes = TSwitch No.	

Specials & Extras

Trailer Brake	A5	Prop to Servo to control Brake	Proportional - Mid to High
Running Lights (back)	4	2 sets of side LEDs Off/On	Controlled by channel 2
Running Lights (front)	7	2 side and 2 front LEDs Off/On	Controlled by channel 2 and flashed when Trailer Brake On

CL520 LED Driver pulls 0.5mA to control it.

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Trailer Running Lights = Back-7cm; 4 x 21cm; 8cm-Front. Front Marker Lights = White < 1cm from side.

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