



SP630E

Universal SPI + 5 Channel PWM Controller for RGBTW Strips

Project:

Location:

Qty:

Notes:

DESCRIPTION

Universal LED Controller compatible with 12 types of LED strips:

PWM - 1 to 5 PWM channel single to RGBCCT

SPI - 1 to 5 PWM channel single to RGBCCT

SPI RGB + 1 to 2 channel PWM

FEATURES

APP Pages Functions LED Types		Dynamic		Static		Music		Custom
		Colorful	White	Colorful	White	Colorful	White	DIY
1	1CH PWM Single Color	None	3	None	DIM	None	1	None
2	2CH PWM CCT	None	3	None	CCT	None	1	None
3	3CH PWM RGB	12	None	HUE	None	3	None	3
4	4CH PWM RGBW	12	3	HUE	DIM	3	1	3
5	5CH PWM RGBCCT	12	3	HUE	CCT	3	1	3
6	SPI Single Color	None	10	None	DIM	None	5	None
7	SPI CCT	None	10	None	CCT	无	5	None
8	SPI RGB	146	None	HUE	None	18	None	18
9	SPI RGBW	146	10	HUE	DIM	18	5	18
10	SPI RGBCCT	146	10	HUE	CCT	18	5	18
11	SPI RGB+1CH PWM Single Color	146	3	HUE	DIM	18	1	18
12	SPI RGB+2CH PWM CCT	146	3	HUE	CCT	18	1	18

WIRING

LED Type		Output Port						
		VCC	R	G	B	CW	WW	DAT
1	1CH PWM Single Color	✓				✓	✓	
2	2CH PWM CCT	✓				✓	✓	
3	3CH PWM RGB	✓	✓	✓	✓			
4	4CH PWM RGBW	✓	✓	✓	✓	✓		
5	5CH PWM RGBCCT	✓	✓	✓	✓	✓	✓	
6	SPI Single Color	✓						✓
7	SPI CCT	✓						✓
8	SPI RGB	✓						✓
9	SPI RGBW	✓						✓
10	SPI RGBCCT	✓						✓
11	SPI RGB+1CH PWM Single Color	✓				✓	✓	✓
12	SPI RGB+2CH PWM CCT	✓				✓	✓	✓

ORDERING GUIDE

SP630E

SPECIFICATION	
Operating Voltage	5 - 24V DC
Max Output Current	6A per channel / 12A total
Max Output Power	288 W
RF Frequency / WiFi	2.4 GHz
Dimensions	3" x 2 1/4" x 3/4" (78 x 56 x 20 mm)
Operating Temperature	-4°F (-20°C) to +140°F (+60°C)
IP Rating	IP20
Certification	CE, FCC
Warranty	3 Year

Control by app (2.4 GHz Wi-Fi required) or by remote control

[App for iOS and Android](#)

[Remote Control](#)



BanlanX



[RB4](#)

COMPATIBLE RGBW & TUNABLE WHITE STRIPS



RGBW (3000K) COB LED Strip PWM 24V 16ft IP20

[LBL-PWM-RGBW-IP20-16FT](#)



RGBW (3000K) COB LED Strip SPI 24V 16ft IP65

[LBL-SPI-RGBW-IP65-16FT](#)



RGBTW LED Strip IP20

[LBL-5050-2835-72P-24V-10MM-RGBTW-SPI-IP20](#)



RGBTW LED Strip IP65

[LBL-5050-2835-72P-24V-10MM-RGBTW-SPI-IP65](#)



Tunable White 2700-5000K COB IP20

[LBL-COB-TW5CCT-IP20](#)



Tunable White Sauna Rated 2700-5000K COB IP67

[ES-FSCOBWW+W-24-IP67-5CCT-IP67](#)

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