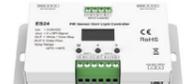


SPI Controller

Model Name	Product Name	Pictrue	Parameters	Key Feature	Recommended Products	Distinguish Between Similar Products
WT-SPI	WiFi+RF SPI RGB/RGBW LED Controller		Input voltage:5-24VDC Input signal:WiFi, RF 2.4GHz Output signal:SPI(TTL)x2 Pixel dots:Max.1000 Proudct size:114x38x20(LxWxH)	<ul style="list-style-type: none"> ● Compatible with RGB or RGBW LED strips with 49 kinds chip, the chip type and R/G/B/W color sequence can be set. ● Tuya APP cloud control, painting-style color mixing in segments, rich dynamic effects, timer support, and music rhythm. ● Voice control, support for Amazon ECHO, Google, Tmall Genie and Xiaodu smart speakers. ● APP dynamic effects:44 default and 10+ custom dynamic scenarios, 16 variations. ● Match with RF 2.4G RGB/RGBW remote control optional. 	SPI Signal Splitter:SA, SA6 RGB/RGBW RF Remote Control:R9	WT-SPI, SC Contrast: Common: Both are RGB/RGBW SPI Controller. Difference: 1. The number of output channels is different: WT-SPI output 2 group SPI(TTL) signal. SC output 1 group SPI(TTL) signal. 2. Differences in control: WT-SPI control by RF 2.4GHz remote control and WiFi APP. SC control just by RF 2.4GHz remote control. 3. Product sizes are different.
SC	RF SPI RGB/RGBW LED Controller		Input voltage:5-24VDC Input signal:RF 2.4GHz Output signal:SPI(TTL) Pixel dots:Max.1024 Proudct size:97x33x18(LxWxH)	<ul style="list-style-type: none"> ● Compatible with 49 kinds of digital IC RGB or RGBW LED strip, IC type and R/G/B/W order can be set. ● 40 kinds dynamic mode, include horse-race, chase, flow, trail or gradual change style. ● Match with RF 2.4G RGB/RGBW remote control optional. 	SPI Signal Splitter:SA, SA6 RGB/RGBW RF Remote Control:R9	
SC-L	RF SPI LED Controller		Input voltage:5-24VDC Input signal:RF 2.4GHz, Push switch Output signal:SPI(TTL)x2 Pixel dots:Max.900 Proudct size:170x50x23(LxWxH)	<ul style="list-style-type: none"> ● Digital display, 3 button operation. ● Compatible with 47 kinds of digital IC RGB/RGBW or white light SPI LED strip. ● Color light or white light mode set by one DIP switch. ● 32 kinds color light dynamic mode, 8 kinds white light dynamic mode, include horse-race, chase, flow, trail, meteor or gradual change style. ● Three push switches can be connected for on/off, dynamic change mode and speed selection functions. ● Match with RF 2.4G RGB/RGBW remote control optional. 	SPI Signal Splitter:SA, SA6 RGB/RGBW RF Remote Control:R9	/
SC-P	WiFi+RF SPI LED Controller		Input voltage:5-24VDC Input signal:WiFi, RF 2.4GHz, Push switch Output signal:SPI(TTL)x2 Pixel dots:Max.900 Proudct size:170x50x23(LxWxH)	<ul style="list-style-type: none"> ● Digital display, 3 button operation. ● Compatible with 49 kinds of digital IC RGB/RGBW or white light SPI LED strip, IC type and R/G/B order can be set. ● Tuya APP cloud control, painting-style color mixing in segments, rich dynamic effects, timer support, and music rhythm. ● Voice control, support for Amazon ECHO, Google, Tmall Genie and Xiaodu smart speakers. ● APP dynamic effects:44 default and 10+ custom dynamic scenarios, 16 variations. ● Three push switches can be connected to realize regular switching, upward switching and downward switching, respectively, for staircase light control. ● Optional RF remote control is available, e.g. 2 RF remote controls for uplink or downlink switching function respectively. 	SPI Signal Splitter:SA, SA6 RGB/RGBW RF Remote Control:R9	/
ES-D	Dual PIR Sensor + Dual Push Button SPI Controller		Input voltage:5-24VDC Input signal:PIR Sensor, Push switch Output signal:SPI(TTL)x2 Pixel dots:Max.960 Sensitive celd: 3m Sensitivity angle:30° (±10°) Proudct size:170x50x23(LxWxH)	<ul style="list-style-type: none"> ● Digital display, 3 button operation. ● Dual PIR sensor + dual push button input RGB or white light SPI controller features daylight sensor. ● Two groups same SPI(TTL) signal output, drive 28 kinds IC digital RGB or white LED strip, IC type and R/G/B order can be set. ● When applied to stair light, supports four output modes:color fow, white fow, color step, white step. ● Multiple light colors and change types are selectable with adjustable speed and brightness. ● Sequential switching control is realized when multiple SPI controllers are connected to a single self-resetting push switch button. ● Synchronized or sequential light on and off, automatic light off delay time (5 seconds - 60 minutes) can be set. ● Set the daylight sensor threshold (10-200 Lux, off). 	Stair Light Controller Sensor Head:ER-C, ES-T	/
ES-D(WT)	Dual PIR Sensor + Dual Push Button WiFi SPI Controller		Input voltage:5-24VDC Input signal:WiFi, PIR Sensor, Push switch Output signal:SPI(TTL)x2 Pixel dots:Max.960 Sensitive celd: 3m Sensitivity angle:30° (±10°) Proudct size:170x50x23(LxWxH)	<ul style="list-style-type: none"> ● Digital display, 3 button operation. ● Dual PIR sensor + dual push button input RGB or white light SPI controller features daylight sensor. ● Two groups same SPI(TTL) signal output, drive 28 kinds IC digital RGB or white LED strip, IC type and R/G/B order can be set. ● When applied to stair light, supports four output modes:color fow, white fow, color step, white step. ● Tuya APP cloud control, painting-style color mixing in segments, rich dynamic effects, timer support, and music rhythm. ● Voice control, support for Amazon ECHO, Google, Tmall Genie and Xiaodu smart speakers. ● APP dynamic effects:44 default and 10+ custom dynamic scenarios, 16 variations. ● Multiple light colors and change types are selectable with adjustable speed and brightness. ● Sequential switching control is realized when multiple SPI controllers are connected to a single self-resetting push switch button. ● Synchronized or sequential light on and off, automatic light off delay time (5 seconds - 60 minutes) can be set. ● Set the daylight sensor threshold (10-200 Lux, off). 	Stair Light Controller Sensor Head:ER-C, ES-T	/

ES32	PIR Sensor Stair Light Controller		Input voltage:5-24VDC Input signal:PIR Sensor, Push switch Output current:32CH, 1A/CH Output signal:SPI (TTL)x2 Pixel dots:Max.960 Sensitive celd: 3m Sensitivity angle:30° (±10°) Proudct size:186x68x25.5(LxWxH)	<ul style="list-style-type: none"> ● Easy operation with OLED display and 3 buttons. ● Stair light controller supporting dual PIR sensing + dual push switch inputs with daylight detection. ● 32 channels constant voltage output, supports up to 32 steps of white light step control. ● Compatible with 28 types of RGB SPI LED strips, chip type and R/G/B order can be set. ● Supports four output modes: White light step, Color light low, Color light step, White light step+Color light low. ● Built-in multiple color light modes, speed and brightness. ● Synchronized or sequential light off, automatic light off delay time (5 seconds - 10 minutes) can be set. ● Set the daylight sensor threshold (10-200 Lux, off). 	Stair Light Controller Sensor Head:ER-C, ES-T	/
ES24	PIR Sensor Stair Light Controller		Input voltage:5-24VDC Input signal:PIR Sensor Output signal:SPI (TTL)x2 Pixel dots:Max.720 Sensitive celd: 3m Sensitivity angle:30° (±10°) Proudct size:123x68x26.5(LxWxH)	<ul style="list-style-type: none"> ● OLED display, 3 button operation. ● Multifunctional PIR sensor stair light controller features daylight sensor. ● 2 groups different SPI(TTL) signal output, group 1 SPI signal output to realize white light step or color light step control, another group SPI signal output for color light flow control. ● Compatible with 18 single signal line RGB SPI LED strips, can set IC type and R/G/B order. ● Supports five output modes: White light step, Color light low, Color light step, White light step+Color light low, Color step+Color light low. ● Built-in multiple color light modes, speed and brightness. ● Synchronized or sequential light on and off, automatic light off delay time (5 seconds - 10 minutes) can be set. ● Set the daylight sensor threshold (10-200 Lux, off). 	Stair Light Controller Sensor Head:ER-C, ES-T	/
ES24(WT)	PIR Sensor Stair Light WiFi SPI Controller		Input voltage:5-24VDC Input signal:WiFi, PIR Sensor Output signal:SPI (TTL)x2 Pixel dots:Max.720 Sensitive celd: 3m Sensitivity angle:30° (±10°) Proudct size:123x68x26.5(LxWxH)	<ul style="list-style-type: none"> ● OLED display, 3 button operation. ● Multifunctional PIR sensor stair light controller features daylight sensor. ● 2 groups different SPI(TTL) signal output, group 1 SPI signal output to realize white light step or color light step control, another group SPI signal output for color light flow control. ● Compatible with 18 single signal line RGB SPI LED strips, can set IC type and R/G/B order. ● Supports five output modes: White light step, Color light low, Color light step, White light step+Color light low, Color step+Color light low. ● Tuya APP cloud control, painting-style color mixing in segments, rich dynamic effects, timer support, and music rhythm. ● Voice control, support for Amazon ECHO, Google, Tmall Genie and Xiaodu smart speakers. ● APP dynamic effects:44 default and 10+ custom dynamic scenarios, 16 variations. ● Built-in multiple color light modes, speed and brightness. ● Synchronized or sequential light on and off, automatic light off delay time (5 seconds - 10 minutes) can be set. ● Set the daylight sensor threshold (10-200 Lux, off). 	Stair Light Controller Sensor Head:ER-C, ES-T	/

DMX512-SPI Decoder

Model Name	Product Name	Pictrue	Parameters	Key Feature	Recommended Products	Distinguish Between Similar Products
DS-L	DMX512-SPI Decoder		Input voltage:5-24VDC Input signal:DMX512, RF 2.4GHz Output signal:SPI (TTL)x2 Pixel dots:Max.900 Proudct size:170x50x23mm(LxWxH)	<ul style="list-style-type: none"> ● Digital display, press button to set DMX decode start address. ● Compatible with 47 kinds of digital IC RGB or RGBW LED strip, IC type and R/G/B order can be set. ● DMX decode mode, stand-alone mode and RF mode selectable. ● DMX decode mode supports 3 DMX decoding methods. ● Under RF mode, match with RF 2.4G RGB/RGBW remote control. ● 32 kinds dynamic mode, include horse-race, chase, flow, trail or gradual change style. 	DMX512 Console:Dynamic effect Edit WiFi APP Control:WT-DMX-M Zigbee Control:WZ-DMX-M RGB/RGBW RF Remote Control:R9	
DS	DMX512-SPI Decoder		Input voltage:5-24VDC Input signal:DMX512, RF 2.4GHz Output signal:SPI (TTL) Pixel dots:Max.900 Proudct size:110x48x67mm(LxWxH)	<ul style="list-style-type: none"> ● Digital display, press button to set DMX decode start address. ● Compatible with 47 kinds of digital IC RGB or RGBW LED strip, IC type and R/G/B order can be set. ● DMX decode mode, stand-alone mode and RF mode selectable. ● DMX decode mode supports 3 DMX decoding methods. ● Under RF mode, match with RF 2.4G RGB/RGBW remote control. ● 32 kinds dynamic mode, include horse-race, chase, flow, trail or gradual change style. ● Standard rail mount. 	DMX512 Console:Dynamic effect edit WiFi APP Control:WT-DMX-M Zigbee Control:WZ-DMX-M RGB/RGBW RF Remote Control:R9	DS-L, DS, DSA, DS-WP Contrast: Common: Consistent software features. Difference: 1.The number of output channels is different: DS and DS-WP output 1 group SPI signal, DS-L output 2 group SPI signal, DSA output 3 group SPI signal, 2.Appearance and size are different: DS-L is a regular model, DS is rail mounted models, DSA is Iron-case mounted model, DS-WP is Waterproof.
DSA	DMX512-SPI Decoder		Input voltage:5-24VDC Input signal:DMX512, RF 2.4GHz Output signal:SPI (TTL)x3 Pixel dots:Max.900 Proudct size:165x70x37mm(LxWxH)	<ul style="list-style-type: none"> ● Digital display, press button to set DMX decode start address. ● Compatible with 47 kinds of digital IC RGB or RGBW LED strip, IC type and R/G/B order can be set. ● DMX decode mode, stand-alone mode and RF mode selectable. ● DMX decode mode supports 3 DMX decoding methods. ● Under RF mode, match with RF 2.4G RGB/RGBW remote control. ● Supports 3 DMX signal outlets: Green terminal, XLR3 and RJ45. ● 32 kinds dynamic mode, include horse-race, chase, flow, trail or gradual change style. 	DMX512 Console:Dynamic effect edit WiFi APP Control:WT-DMX-M Zigbee Control:WZ-DMX-M RGB/RGBW RF Remote Control:R9	
DS-WP	Waterproof DMX512-SPI Decoder		Input voltage:5-24VDC Input signal:DMX512, RF 2.4GHz Output signal:SPI (TTL) Pixel dots:Max.900 Proudct size:176x78x38mm(LxWxH)	<ul style="list-style-type: none"> ● Digital display, press button to set DMX decode start address. ● Compatible with 47 kinds of digital IC RGB or RGBW LED strip, IC type and R/G/B order can be set. ● DMX decode mode, stand-alone mode and RF mode selectable. ● DMX decode mode supports 3 DMX decoding methods. ● Under RF mode, match with RF 2.4G RGB/RGBW remote control. ● 32 kinds dynamic mode, include horse-race, chase, flow, trail or gradual change style. ● Waterproof rating IP65 for outdoor and humid environments. 	DMX512 Console:Dynamic effect edit WiFi APP Control:WT-DMX-M Zigbee Control:WZ-DMX-M RGB/RGBW RF Remote Control:R9	

SPI Signal Splitter						
Model Name	Product Name	Pictrue	Parameters	Key Feature	Recommended Products	Distinguish Between Similar Products
SA	2 Channel SPI Signal Splitter		Input voltage:5-24VDC Input signal:SPI(TTL) Output signal:SPI(TTL)x2 Proudct size:52x52x26(LxWxH)	<ul style="list-style-type: none"> ● Split 1 group SPI signal (data+clock) to 2 group SPI signals. ● Used with SPI controller, applied to synchronous control multiple SPI digital RGB or RGBW LED strips. 	SPI Controller:SC, SC-L, WT-SPI	SA, SA6 Contrast: Difference:: 1. Different number of output signal channels: SA Max output 2 group SPI(TTL) signal. SA6 Max output 6 group SPI(TTL) signal. 2. Product sizes are different.
SA6	6 Channel SPI Signal Splitter		Input voltage:5-24VDC Input signal:SPI(TTL) Output signal:SPI(TTL)x6 Proudct size:140x75x28(LxWxH)	<ul style="list-style-type: none"> ● Split 1 group SPI signal (data+clock) to 6 group SPI signals. ● Used with SPI controller, applied to synchronous control multiple SPI digital RGB or RGBW LED strips. 	SPI Controller:SC, SC-L, WT-SPI DMX-SPI Decoder:DS-L	