

SUPPORTED IC TYPES

LIST OF SUPPORTED IC TYPES OF LED STRIP STUDIO CONTROLLERS

ID	IC	COMPATIBILITY	LEC 3.0, 3.1 SPI MATRIX 3.0, 3.1	LEC 3.2 SPI MATRIX 3.2	SPI LED CONTROLLER	REACTIVO 1, 2 SPI LED 2	SPI LAMP	SPI LAMP 2	PROFILED
0	D705 1000kHz	D705 1000kHz LPD6803 1000kHz	✓	✓	✓	✓	✗	✗	✗
1	APA102-65536 2600kHz	APA102-65536 2600kHz	✓	✓	✓	✓	✗	✗	✗
2	TM1809 800kHz	TM1809 800kHz TM1803 800kHz WS2811 800kHz WS2812 WS2813 SK6812 SK6822 LPD1886 8bit UCS1903 800kHz UCS2903 APA104 800kHz P9883 800kHz WS2815 GS8208 SM16703 FW1935 WS2818	✓	✓	✓	✓	✓	✓	✓

✓ - supported / ✗ - not supported

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3	TM1809 400kHz	TM1809 400kHz TM1803 400kHz APA104 400kHz WS2811 400kHz UCS1903 400kHz P9883 400kHz	✓	✓	✓	✓	✗	✓	✗
4	SM16716 1300kHz	SM16716 1300kHz SM16726 1300kHz 8Bit	✓	✓	✓	✓	✗	✗	✗
5	WS2801 1000kHz	WS2801 1000kHz WS2803 1000kHz	✓	✓	✓	✓	✗	✗	✗
6	APA102 1300kHz	APA102 1300kHz	✓	✓	✓	✓	✗	✗	✗
7	APA102_DOUBLE 1300kHz	APA102_DOUBLE 1300kHz	✓	✓	✓	✓	✗	✗	✗
8	UCS9812 1100kHz	UCS9812 1100kHz	✓	✓	✓	✓	✗	✓	✗
9	MBI6120 475kHz	MBI6120 475kHz	✓	✓	✓	✓	✗	✓	✗
10	LPD8806 2000kHz	LPD8806 2000kHz	✓	✓	✓	✓	✗		✗
11	TM1829 1600kHz	TM1829 1600kHz	✓	✓	✓	✓	✗	✓	✗
12	TM1829 800kHz	TM1829 800kHz	✓	✓	✓	✓	✗	✓	✗
13	WS2811_RGBW 800kHz	WS2811_RGBW 800kHz P9412_RGBW UCS2904 WS2814	✓	✓	✓	✓	✗	✓	✓
14	LSS RGBW strip	LSS RGBW strip	✗	✓	✗	✗	✗	✗	✗
15	LSS RGB strip	LSS RGB strip	✗	✓	✗	✗	✗	✗	✗
16	DMX RGBW	DMX RGBW SM18522PS	✗	✓	✗	✗	✗	✗	✗
17	DMX RGB	DMX RGB SM18522PS	✗	✓	✗	✗	✗	✗	✗

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18	TM1914 800kHz	TM1914 800kHz	✗	✓	✓	✗	✗	✓	✗
19	TM1914 400kHz	TM1914 400kHz	✗	✓	✓	✗	✗	✓	✗
20	LD1510 8bit 1Mhz	LD1510 8bit 1Mhz	✗	✓	✗	✗	✗	✗	✗
21	LD1510 12bit 1Mhz	LD1510 12bit 1Mhz	✗	✓	✗	✗	✗	✗	✗
22	LD1510 8bit 500Khz	LD1510 8bit 500Khz	✗	✓	✗	✗	✗	✗	✗
23	LD1510 12bit 500Khz	LD1510 12bit 500Khz	✗	✓	✗	✗	✗	✗	✗
24	PL9823 600kHz	PL9823 600kHz	✗	✓	✓	✗	✗	✓	✗
25	TM1814 800kHz	TM1814 800kHz	✗	✓	✓	✓	✓	✓	✗
26	SM16823 800kHz	SM16823 800kHz	✗	✓	✓	✗	✗	✓	✗
27	P9813 800kHz	P9813 800kHz	✗	✓	✓	✗	✗	✗	✗
28	UCS8903 800kHz	UCS8903 800kHz	✗	✓	✓	✗	✗	✓	✗
29	UCS8904 800kHz	UCS8904 800kHz	✗	✓	✓	✗	✗	✓	✗
30	MBI6024 16b, GCLK 12Mhz	MBI6024 16b, GCLK 12Mhz	✗	✓	✗	✗	✗	✗	✗
31	UCS5603 800kHz	UCS5603 800kHz	✗	✓	✓	✗	✓	✓	✗

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