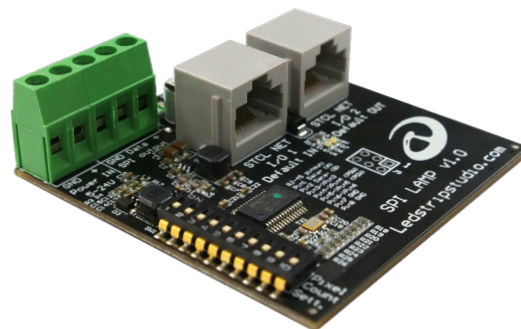


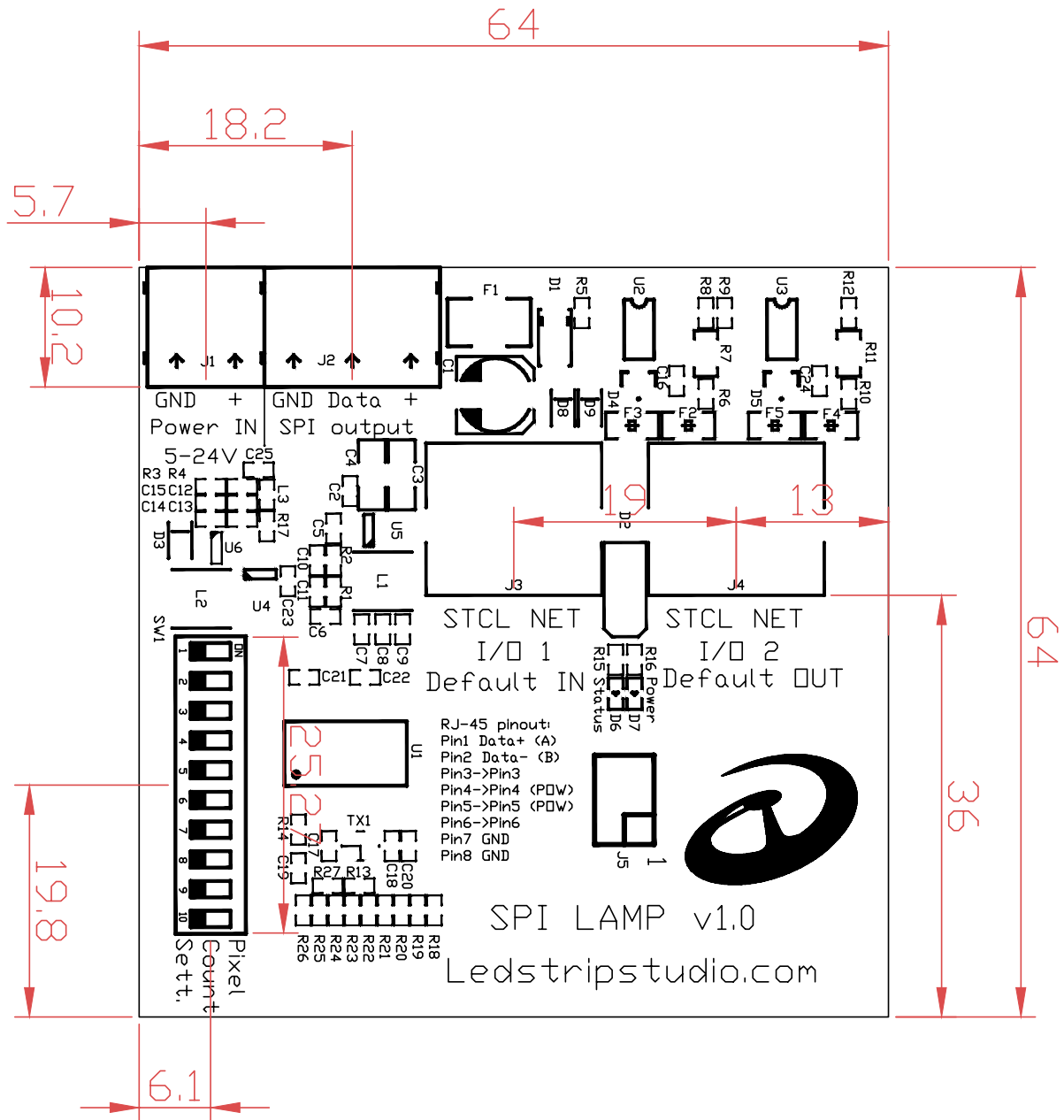
# SPI Lamp



## Technical specification

<b>Operating voltage</b>	<b>5-24V DC</b>
<b>Power consumption</b>	<b>&lt;1W</b>
<b>Max. total pass thru current</b>	<b>5A</b>
<b>Power in connector</b>	<b>2 pole screw terminal, pitch 5mm, cable max 2.5mm<sup>2</sup></b>
<b>DATA I/O type</b>	<b>custom LSS protocol, speed ~5Mbps, differential</b>
<b>DATA I/O connector</b>	<b>RJ-45 unshielded</b>
<b>DATA I/O max. cable length</b>	<b>305m with Cat5e or better</b>
<b>Maximum controller count</b>	<b>85pcs in daisy chained string</b>
<b>LED output type</b>	<b>5V TTL, 800kHz SPI (WS2811, WS2812B, SK6812, TM1809....)</b>
<b>LED output color type</b>	<b>RGB or RGBW (setting needs to be uploaded by LEC3 controller)</b>
<b>LED output pixels min.</b>	<b>9</b>
<b>LED output pixels max.</b>	<b>1024 RGB / 768 RGBW</b>
<b>LED pixel count setting</b>	<b>binary by 10-pole DIP switch</b>
<b>LED output connector</b>	<b>3 pole screw terminal, pitch 5mm, cable max 2.5mm<sup>2</sup></b>
<b>Status LEDs</b>	<b>POWER, STATUS</b>
<b>Dimensions</b>	<b>64x64x22 mm</b>
<b>PCB Weight</b>	<b>33g</b>
<b>Enclosure</b>	<b>designed to be inserted into electrical junction box 75x75x40mm</b>
<b>Special features</b>	<b>-user firmware upgradable (LEC3 controller + uSD card needed) -DATA I/O ports swapable -can be powered by RJ-45 passive POE (simple modification needed)</b>

Dimensions



Board Dimensions