



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Mini Skinny Digital RGB Strip



Product Description

- This is a flexible-addressable-cutttable-bendable led strip .
- There are 144pcs LEDs in a meter and 1 LED per unit.
- It can be cuttable but the sold PAD very small and you will have limited space to solder cable again.
- Since you remove one LED and link the data cable on the empty board to get enough space.
- The width of silicon tube 10mm and bare board (Ip20) 7.5mm only.



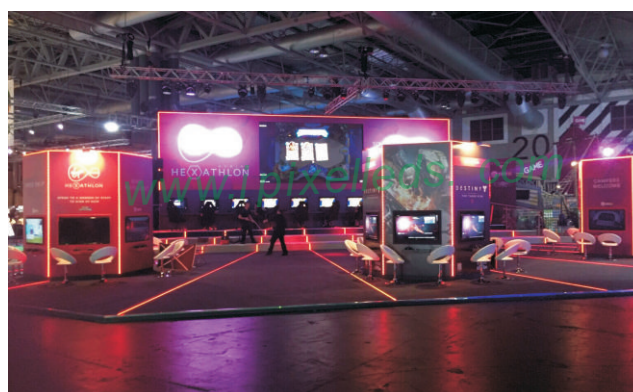
- White color painting with a Arrow on each LED guide the direction of signal.
- 3M tape attached on backside of flex tube and it comes 1m per reel.
- But you can connect as many as you can just guide make sure feed enough power to it regarding the PCB very flexible and narrow,when you light on white color constantly it's getting very hot ,we don't recommend you to do this --Static white.
- We could provide this strip IP20 and Ip65.



Product Datasheet

Product Number	S144SK6812		
Light Source	Epistar 3535 SMD LEDs		
Beam Angle	120°		
LED Quantity	144leds/m		
Pixel Pitch(mm)	P6.9mm		
Emitting Color	Full color		
Operating Voltage	DC5V		
Power (W)	34w/m (max)		
Control (IC)	SK6812		
IP Level	IP20/IP65		
Luminance Per 1m	R:57600	G:100800	B:27360
Size (mm)	IP20	L 5000* W 7 mm	
	IP65	L 5000* W 10 mm	
Operation Temperature	-10°C-50°C		

Application

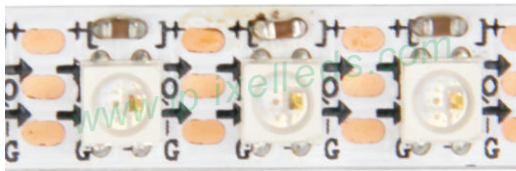
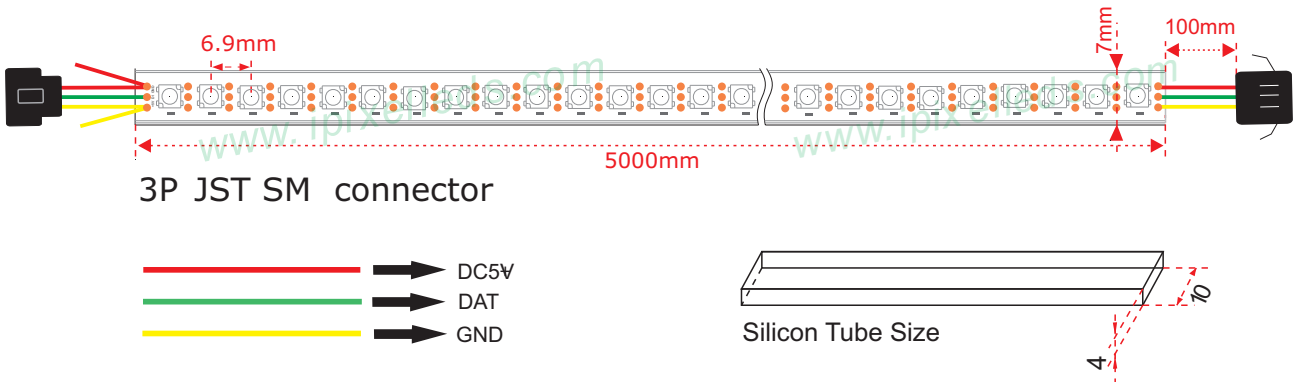


The excellent light and user-friendly designs make LED strip perfect for numerous applications, i.e cove lights, back lights, cabinet lights, edge light, architectural lights for corridor, canopy, archway, lights for path and contour marking; etc.

They can be a good choice for lights for hotels, restaurants, night clubs, coffee / wine bars, shopping malls, various shops, cinemas, beauty centers, office fronts, even lights for household kitchens or living rooms, etc.



Outline Dimension



There are 1 Arrow following each LED on PCB, it's means the signal transmit direction

Connection Drawing

This strip 144Pixels (IC) per m, 1m/roll (144Pixel), T-1000controller support 2000Pixel Max, 1 Roll strip total power is 34W (1m), each 5V70A (350W) works 10m strip . You also could use T4000、T8000 SD controller for more LED pixels

