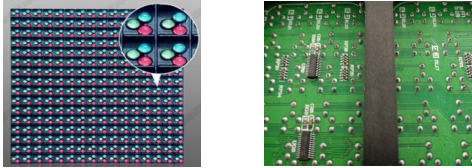
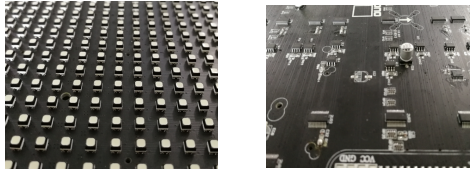


The Difference Between DIP And SMD

	DIP	SMD
Type	The lamp in the DIP package passes the lamp pin through the PCB board and fills the tin in the lamp hole by soldering.	The SMD packaged lamp is soldered to the surface of the PCB by a soldering process, and the lamp pins do not need to pass through the PCB.
Application	P10-P20	≤P10
Brightness CD/m <sup>2</sup>	>7000-10000	400-1200(indoor); 4000-7000(outdoor)
Weight	Heavier	Lighter
Viewing Angle(H/V)	H: ±100° V: ±45°	H: ±160° V: ±120°
Price	Manually produced, relatively high cost	Fully automated production, relatively low cost
Protection Degree	IP65	IP30-IP65
Picture		
Summary	Good protection performance, but the viewing angle is not accurate, energy consumption is high, only suitable for outdoor screen.	High assembly density, high reliability, strong anti-vibration capability, low solder joint defect rate, and good high frequency characteristics.