HS-ACC DIY Accellerometer
Main Board - Components List

PCB Version: 1.1

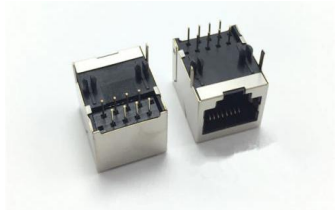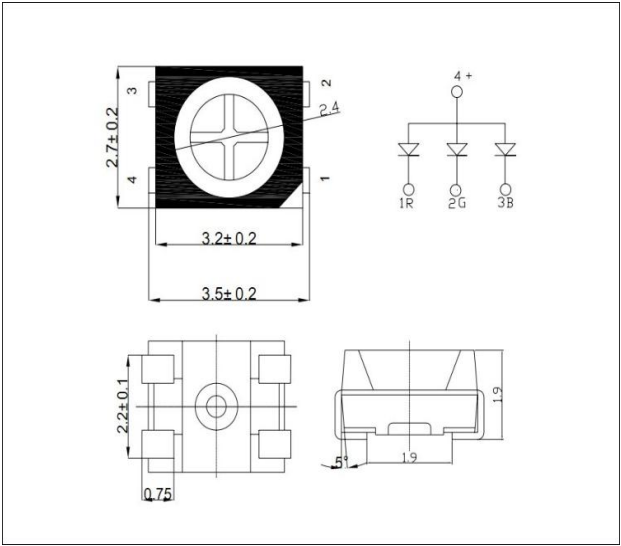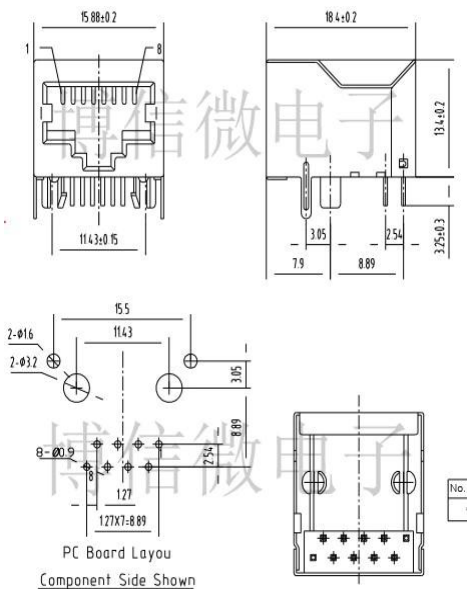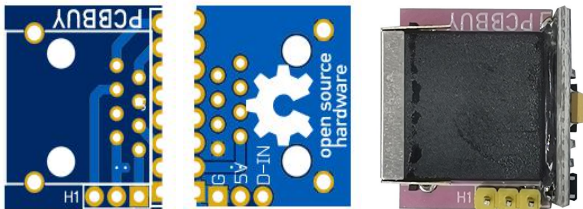| Designator	Quantity	Value	Description	Footprint	Comment	Photo
R1, R2, R3	3	1K	Resistor	0805	LED resistors	
R4	1	68K	Resistor	0805	1% tolerance, optional for Batt	
C1	1	1uF	Capacitor	0805	optional for Batt Monitor	
LED	1	RGB LED 3528	Common anode	1210		
RJ1, RJ2	2	RJ45	RJ45 Connector	8P8C		
MCU	1	ESP32 Development Board	Based of ESP32 WROOM 32 (single or dual core: ESP32-S or ESP32-WROOM-32 or ESP32-WROOM-32D)	30 or 38-pin board		
MISC	1	Header	Male Header, 40-Pin	2.54mm	Break according connectors on PCB	
MISC	2	Header	Female Header, 40-Pin	2.54mm	For ESP32, break according connectors on PCB.	

HS-ACC DIY Accellerometer
1 Sensor Board - Components List

HS-ACC DIY Accellerometer Main Board - Components   1.1

Designator	Quantity	Value	Description	Footprint	Comment	Photo
RJ1	1	RJ45	RJ45 Connector	8P8C		
U1	1	ADXL345	Accellerometer Module	-		
MISC	1	Male Header 3	Header, 3-Pin	HDR1X3	Digital input	