







ESP32 Sensor Board

Comment	Description	Designator	Footprint	LibRef	Quantity
AVX Interconnect / Elco 0805YC104KAT2A	CAP CER 0.1UF 16V 10% X7R 0805	C1	CAPC2013X94X50L L20T25	CMP-172849-2	1
AVX Interconnect / Elco 08053D106KAT2A	Multilayer Ceramic Capacitors MLCC - SMD/SMT 10uF 25 Volts X5R 10%	C2	CAPC2013X130X50 LL20T25	CMP-955674-4	1
FCI 10118192- 0001LF	Conn Micro USB Type B RCP 5 POS 0.65mm Solder RA SMD 5 Terminal 1 Port T/R	J1	PCB- 1exbmfs8t808ioacs oju-1	10118192-0001LF	1
Yageo RC0805FR- 074K7L	YAGEO (PHYCOMP) RC0805FR-074K7L RESISTOR, 4.7K, 0.125W, 1%	R1, R2, R3, R4, R5, R6, R7, R8, R9	RC0805FR-074K7L	CMP-3926451-3	9
Olimex ESP- WROOM-32	Espressif Esp32 Bluetooth Wifi m	U1	PCB- jvfj8ob72rvv9i5eyx g4-1	CMP- 82174f8593875dd0- 9	1
CMP-0062-01639-6	800mA Low- Dropout Linear Regulator, 4-pin SOT-223, Pb-Free	U2	SOT-223_A	CMP-0062-01639-6	1
USB Serial Converter	Conn Unshrouded Header HDR 6 POS 2.54mm Solder ST Thru-Hole - No Outline	X1	PCB- 2xrkn0frdgvb29u d8aa-1	CMP- 88ed4362af17572a- 9	1
I2C Connector	Conn Unshrouded Header HDR 4 POS 2.54mm Solder ST Thru-Hole	X2	PCB- rn7un5c8cc0swpp 1289c-1	CMP- 64ffaf704303bb38- 6	1
SPI Connector	Conn Unshrouded Header HDR 6 POS 2.54mm Solder ST Thru-Hole - No Outline	X3	PCB- 2xrkn0frdgvb29u d8aa-1	CMP- 88ed4362af17572a- 9	1
Degson DG301-5.0	Terminal block; 5mm	X4	PCB-ssw6nnpn2yrpu	CMP-31dcf900ec25	1