

Bill of Material

Table A-1 Bill of material-30x30 Sensor Module V0.1

Qty.	Description	Name
1	Connector, 2mm header 6pin, SMD	ST1
1	Capacitor, 100nF, 10%, X7R, SMD 0402	C1
2	Capacitor, 4.7μF, 20%, X5R, 6.3V, SMD 0402	C2, C3
1	LED, 571nm green clear, 0603 SMD	D1
1	IC, MGC3130 3D Tracking and Gesture Controller, 28 Pin QFN	IC1
2	Resistor, 1.8kΩ, 1%, 1/16W, SMD 0402	R1, R2
8	Resistor, 10kΩ, 1%, 1/16W, SMD 0603	R4, R6, R7, R11, R12, R13, R14, R15
1	Resistor, 10kΩ, 1%, 1/16W, SMD 0402	R16
1	Resistor, 1kΩ, 1%, 1/16W, SMD 0402	R17
3	Resistor, 0Ω, 1%, 1/16W, SMD 0603	R18, R19, R20