

Table A-1 Hillstar - MGC3130 Unit bill of material

Qty.	Description	Name
1	Connector, 2mm socket 7pin, SMD	BU1
1	Connector, 2mm header 6pin, SMD	ST1
1	Capacitor, 100nF, 10%, X7R, SMD 0402	C1
2	Capacitor, 4.7 μ F, 20%, X5R, 6.3V, SMD 0402	C2, C3
1	LED, 571nm green clear, 0603 SMD	D2
1	IC, MGC3130 3D Tracking and Gesture Controller, 28 Pin QFN	IC1
2	Resistor, 1.8k Ω , 1%, 1/16W, SMD 0402	R1, R2
8	Resistor, 10k Ω , 1%, 1/16W, SMD 0603	R4, R6, R7, R11, R12, R13, R14, R15
1	Resistor, 0 Ω , 1%, 1/16W, SMD 0402	R16
1	Resistor, 10k Ω , 1%, 1/16W, SMD 0402	R17
1	Resistor, 1k Ω , 1%, 1/16W, SMD 0402	R18