

Bill of materials

Table 1. STEVAL-MKI245KA bill of materials

Item	Q.ty	Ref.	Part/value	Description	Manufacturer	Order code
1	1	A	Table 2. STEVAL-MKIGI06A	CONN HEADER SMD 34POS 2.54MM	ST	Not available for separate sale
2	1	B	Table 3. STEVAL-MKI245A	CONN PWR JACK 2.5X5.5MM SOLDER	CUI Inc.	Not available for separate sale
3	2	C1	2x6 1.27mm step	Connector Flat cable crimp	Samtec	FFSD-06-01-n
4	30cm	cable	Cable 12 wires 0.35mm pitch	Cable 12 wires 0.35mm pitch	3M	3749/12 100
5	9	Biadhesive	2.5 x 2.5cm	2.5 x 2.5 [cm] biadhesive	3M	9088

Table 2. STEVAL-MKIGI06A bill of materials

Item	Q.ty	Ref.	Part/value	Description	Manufacturer	Order code
1	2	JP1, JP2	Male Header 12	male header connector 1x12 2.54mm step	Adam Tech	PH1-12-UA
2	3	R1, R4, R5	22R0	Resistor	VISHAY	CRCW060322R0FKEA
3	1	J1	Header 2x5 1.27mm step	Header 2x5 1.27mm step	Samtec	SHF-106-01-L-D-SM
4	2	C1, C2	330pF	Capacitor	MULTICOMP	MC0603N331J500CT
5	1	JF	10 pin flex 0.5mm step	10 pin flex 0.5mm step	Molex	5034801000
6	1	R6	0R0	Resistor	VISHAY	CRCW060310R0FKEA
7	2	C	Connector Flat cable crimp		Samtec	FFSD-06-01-N
8	1	CABLE	cable 12 wires 0.635mm pitch	30cm	3M	3749/12 100

Table 3. STEVAL-MKI245A bill of materials

Item	Q.ty	Ref.	Part/value	Description	Manufacturer	Order code
1	1	U1	ISM330BXTR, VFLGA2.5X3X.71 14L P.5 L.475X.25	3D accelerometer and 3D gyroscope	ST	ISM330BX
2	2	D1, D2	ESDALCL5-1BM2, SOD-882	ESD DIODE	ST	ESDALCL5-1BM2

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