



Bill of materials

Table 1. STEVAL-MKI248KA bill of materials

Item	Q.ty	Ref.	Part/value	Description	Manufacturer	Order code
1	1	A	Table 2. STEVAL-MKIGBV5	Interface board	ST	Not available for separate sale
2	1	B	Table 3. STEVAL-MKI248A	MEMS board	CUI Inc.	Not available for separate sale
3	2	C1	2x6 1.27mm step	Connector	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-MKIGIBV5 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	Any	Header 12
2	1	R2	0R0	Resistor	VISHAY	CRCW02010000Z0ED
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

Table 3. STEVAL-MKI248A bill of materials

Item	Q.ty	Ref.	Part/value	Description	Manufacturer	Order code
1	2	C1, C3	100nF	Capacitor 100nF 0603	Multicomp	MC0603B104K250CT
2	1	C2	2.2uF	Capacitor 2.2uF 0603	KEMET	C0603C105K8RAC7867
3	1	R1	0	Resistor	Yageo	RC0603JR-070RL
4	1	J1	Header 6X2	Header, 6-Pin, Dual row	Samtec	SHF-106-01-L-D-SM
5	1	J2	Header 17X2	Header, 17-Pin, Dual row	Panasonic	AXF6G3412A
6	1	J3	Header 5X2	Header, 5-Pin, Dual row	Amphenol ICC / FCI	20021121-00010C1LF
7	1	U1	ISM6HG256XTR, LGA 2.5x3 14L	ST MEMS	ST	ISM6HG256XTR

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