

Bill of materials

Table 1. STEVAL-MKI253KA bill of materials

Item	Q.ty	Ref.	Part/value	Description	Manufacturer	Order code
1	1	A	Table 2. STEVAL-MKI253A	CONN HEADER SMD 34POS 2.54MM	ST	Not available for separate sale
2	1	B	Table 3. STEVAL-MKIGI08A	CONN PWR JACK 2.5X5.5MM SOLDER	ST	Not available for separate sale
3	2	C1	'2x6 1.27mm step	Connector Flat cable crimp	Samtec	FFSD-06-01-n
4	30 cm		Cable 12 wires 0.35mm pitch	Cable 12 wires 0.35mm pitch	3M	3749/12 100
5	1	D	STEVAL-FLTCB05	FLEX PCB with 2 connector	ST	Not available for separate sale

Table 2. STEVAL-MKI253A bill of materials

Item	Q.ty	Ref.	Part/value	Description	Manufacturer	Order code
1	2	C1, C3, C4	100nF	Capacitor 100nF 0402	Yageo	CC0402KRX7R7BB104
2	2	C2, C5	1uF	Capacitor 1uF 0603	Taiyo Yuden	TMK107B7105KA-T
5	1	J1		Header, 6-Pin, Dual row	Samtec	SHF-106-01-L-D-SM-K-TR
6	1	JP1		Header, 17-Pin, Dual row	Panasonic	AXF6G3412A
7	2	R1, R2	0R	Resistor	Cyntec	PFR05X-000-XNH
8	2	R4, R9	1M	Resistor	Cyntec	PFR05S-105-FNH
9	3	R6, R7, R8	220	Resistor	Cyntec	PFR05S-221-FNH
10	1	U1	IIS3DWB10ISTR, LGA_4_5x4_5_16L	Fast accelerometer	ST	IIS3DWB10ISTR

Table 3. STEVAL-MKIGI08A bill of materials

Item	Q.ty	Ref.	Part/value	Description	Manufacturer	Order cod
1	2	C1, C2	330pF	Capacitor	Yageo	CC0603JRNPO9BN331
2	1	J1		Male Connector	Samtec	SHF-106-01-L-D-SM-K-TR
3	1	J2		Male Connector	Würth Electronics	61300611121
4	2	JP1, JP2		Male Connector	Würth Electronics	61301211121
5	1	R4	10k	Resistor	Yageo	RC0402JR-0710KL
6	3	R7, R8, R9	0R	Resistor	Cyntec	PFR05X-000-XNH

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