

Bill of materials

Table 1. STEVAL-MKI240KA bill of materials

Item	Q.ty	Ref.	Part/value	Description	Manufacturer	Order code
1	1	Table 2. STEVAL-MKI240AA	-	MEMS adapter board	ST	Not available for separate sale
2	1	STEVAL-MKE001A	-	Electrode board	ST	Not available for separate sale
3	1	STEVAL-MKE002A	-	Electrode board	ST	Not available for separate sale
4	1	STEVAL-MKE003A	-	Electrode board	ST	Not available for separate sale

Table 2. STEVAL-MKI240AA bill of materials

Item	Q.ty	Ref.	Part/value	Description	Manufacturer	Order code
1	2	C2, C3	100nF, SMD_C_0603_RE FLOW_S, 50V	CAPACITOR	Multicomp	MC0603B104K500CT
2	1	C1	2.2uF, SMD_C_0603_RE FLOW_S, 25V	CAPACITOR	Murata	GRM188R71A225KE15D
3	2	C4, C5	110pF, SMD_C_0603_RE FLOW_S, 50V	CAPACITOR	KEMET	C0603C111K5GACTU
4	2	JP1	header 12 pin, HDR1X12	Header 12	Adam Tech	PH1-12-UA
5	1	JQ	header 2x3pin, Header 2 x 3 2mm step	CONN HEADER VERT 6POS 2MM	Adam Tech	2PH2-06-UA
6	1	U1	LSM6DSV32X, LGA 2.5x3 14L	Acc+Gyro	ST	LSM6DSV32X
7	2	R1, R2	499, 0603	RESISTOR	Vishai Dale	CRCW0603499RFKEAHP
8	2	D1, D2	ESDALCL5-1BM2, 0402	ESD DIODE	ST	ESDALCL5-1BM2
9	2	P1, P2	header 3 pin, HDR1X3	Header	GCT	BG030-03-A--0450-0300-N-G
10	2	JQ closure	shunt, bridge 2mm	CONN JUMPER SHORTING 2MM GOLD	Sullins Connector Solutions	SPN02SVEN-RC

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