

Bill of materials

Table 1. STEVAL-MKIT04KA bill of materials

Item	Q.ty	Ref.	Part/value	Description	Manufacturer	Order code
1	1	Table 2. STEVAL-MKI224V1	-	Adapter board	ST	STEVAL-MKI224V1
2	1	Table 3. STEVAL-MKI227KA	-	Accelerometer	ST	STEVAL-MKI227KA
3	1	Table 4. STEVAL-MKI235KA	-	Adapter kit	ST	STEVAL-MKI235KA
4	1	Table 5. STEVAL-MKE003A	STEVAL-MKE003AA, only PCB	only 2 layer PCB	ST	Not available for separate sale

Table 2. STEVAL-MKI224V1 bill of materials

Item	Q.ty	Ref.	Part/value	Description	Manufacturer	Order code
1	2	C1, C3	100nF, 0603, 50V	CAPACITOR	MULTICOMP	MC0603B104K250CT
2	2	JP1, JP2	Header 12, HDR1X12	Header 12	RS	251-8632
3	1	C2	10uF, 0603, 10V	CAPACITOR	Murata	GRM188R61C106
4	1	U1	LPS22DFTR, LGA_2X2_10L	Pressure Sensor	ST	LPS22DFTR

Table 3. STEVAL-MKI227KA 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	LSM6DSV16XTR, LGA 2.5x3 14L	Acc+Gyro	ST	LSM6DSV16XTR
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

Table 4. STEVAL-MKI235KA bill of materials

Item	Q.ty	Ref.	Part/value	Description	Manufacturer	Order code
1	1	C2	2.2uF, SMD_C_0603_RE FLOW_S, 50V	CAPACITOR	KEMET	C0603C225K8RA CTU
2	2	C1, C3	100nF, SMD_C_0603_RE FLOW_S, 50V	CAPACITOR	Multicomp	MC0603B104K50 0CT
3	2	R1, R2	500, 0603	RESISTOR	Vishai Dale	CRCW0603499R FKEAHP
4	1	C6	150pF, SMD_C_0603_RE FLOW_S, 50V	CAPACITOR	KEMET	C0603C151J5RA CTU
5	2	JP1	header 12 pin, HDR1X12	Header 12	Adam Tech	PH1-12-UA
6	2	D1, D2	ESDALCL5-1BM2 , SOD882	ESD DIODE	ST	ESDALCL5-1BM2
7	2	QV1, QV2	header 3 pin, HDR1X3	Connector	GCT	BG030-03- A--0450-0300-N-G
8	1	U1	LIS2DUXS12TR, LGA 2X2 12L	SMART AXL	ST	LIS2DUXS12TR

Table 5. STEVAL-MKE003A bill of materials

Item	Q.ty	Ref.	Part/value	Description	Manufacturer	Order code
1	2	P1, P2	Female header 3 pin, HDR1X3 step 2.54mm	Female Header 1x3 2.54mm step	GCT	BG125-03- A-1-1-0440-N-D

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