

**PROJECT NAME: STEVAL-MKI170V1
BILL OF MATERIALS**

Item	Quantity	Reference	Part / Value	Volatge / Watt / Ampere / Type Tolerance / Technology informations	Package	Manufacturer	Manufacturer's ordering code / Orderable Part Number	Additional Notes
#	Quantity	Designator	Value	Part Number	Footprint	Manufacturer	Manufacturer Part Number	Comment
1	1	C1	100nF	CAP CER 100nF 10% 50V	C_1206	KEMET	C1206C104K5RACTU	CAPACITOR
2	1	C2	10uF	CAP CER 10uF 10% 16V	C_1206	KEMET	C1206C106K4PACTU	CAPACITOR
3	1	JP1	Header 12	Header 1x12 male pins, 2.54mm, 1-12	TRH_HDR1X12_01_TO_12	RS	W81136T3825RC	Assemble from BOTTOM side
4	1	JP2	Header 12	Header 1x12 male pins, 2.54mm, 13-24	TRH_HDR1X12_13_TO_24	RS	W81136T3825RC	Assemble from BOTTOM side
5	1	U1	IIS328DQ	IIS328DQ	IIS328DQ_4x4_24L	ST	IIS328DQ	IIS328DQ_LGA4x4_24L