

Document reference:	Magnetic_Field_Probe_Rev1_0.PRJPCB	PCB reference:	Magnetic_Field_Probe_Rev1_0.PcbDoc
		STEVAL-MKI114V1	
Company:			
STMicroelectronics			

Magnetic Field Probe

Index	Quantity	Reference	Value / Generic Part Number	Package	Manufacturer	Supplier	Supplier's ordering code
C1	1	Cap Semi	10uF	0805		RS	106-846
C2	1	Cap Semi	100nF	0805		RS	237-7100
C3	1	CAP	4.7uF	0805		RS	106-763
C4	1	CAP	0.22uF	0805		RS	220-8032
J1	1	Header 10 Male	Header (2X5) M	HDR2X5 Pitch(2mm)		Farnell	178-8751
R1	1	RES1	0R	0805	ST	RS	223-0146
R2	1	RES1	0R	0805		RS	223-0146
U1	1	LGA 3X5X0.9 14L	LSM303DLHC	LGA 3X5X0.9 14L		ST	

Flat CABLE Connector

Index	Quantity	Reference	Value / Generic Part Number	Package	Manufacturer	Supplier	Supplier's ordering code
JF	2	Connector Flat Cable Crimp	10W connector	2x5 2mm		Farnell	162-3797
Cable	1	Cable 10W Pitch 50mm	10W Flat Cable	10Way Pitch1mm x50cm		Farnell	191-2815-010

Magnetic Field Probe Adaptor

Index	Quantity	Reference	Value / Generic Part Number	Package	Manufacturer	Supplier	Supplier's ordering code
JP1	1	Header 12	Header 12	HDR1X12		RS	251-8632
JP2	1	Header 12	Header 12	HDR1X12		RS	251-8632
R3	1	RES1	0R	0805		RS	223-0146
R4	1	RES1	0R	0805		RS	223-0146
J1	1	Probe Connector	10W connector	HDR 2x5 Pitch2mm		Farnell	178-8751