

**PROJECT NAME: STEVAL-FET001V1  
BILL OF MATERIALS**

Item	Quantity	Reference	Part / Value	Voltage / Watt / Ampere	Type / TECHNOLOGY informations	Tolerance	Package	Manufacturer	Manufacturer's ordering code / Orderable Part Number	Additional Notes
1	1	C1	4.7 $\mu$ F	6.3V	Ceramic X7R	$\pm$ 20%	0402	Murata	GRM155B30J475ME47	
2	1	C2	100 nF	16V	Ceramic X7R	$\pm$ 10%	0402	Murata	GRM155R71C104KA88	
3	2	CON1	Header 12	Header 12			HDR1X12	RS	W81136T3825RC	
4	1	D1	Diode				SOD-323	Vishay	1N4148WS	
5	6	GND, IRQ, SCL, SDA, SQW, Vcc	TP							Test point
6	1	R1	4K7 Ohm				0402	Any		Chip resistor - Not assembled
7	1	R2	4K7 Ohm				0402	Any		Chip resistor
8	2	R3,R4	10K Ohm				0402	Any		Chip resistor
9	1	R5	100K Ohm				0402	Any		Chip resistor
10	1	R6	100K Ohm				0402	Any		Chip resistor
11	1	SB1	0 Ohm					Any		Circuit Breaker - Not assembled
12	1	SB2	0 Ohm					Any		Circuit Breaker - Assembled
13	1	SB3	0 Ohm					Any		Circuit Breaker - Not assembled
14	1	U1	M41T62LC6F				LCC8	STMicroelectronics	M41T62LC6F	
15	1	U2	STG719STR				SOT23-6L - rev 2	STMicroelectronics	STG719STR	
16	1	U3	TSV9911LT				SO23 5L	STMicroelectronics	TSV9911LT	