

Bill of materials

Table 1. STEVAL-SCR002V1 bill of materials

Item	Q.ty	Ref.	Part/value	Description	Manufacturer	Order code
1	1	BR1	10 A, 1000 V, GBJ1010	GBJ bridge rectifier	Any	Any
2	1	C1	10 nF, 25 V, ±10%, X7R, SMD, 0805	Capacitor	Any	Any
3	2	D1, D2	STTH110A, SMA	1000 V, 1 A ultra-fast diode	ST	STTH110A
4	1	NTC1	22 R	NTC	Any	Any
5	1	Q1	Z0107MN 5AA4 SOT-223	1 A standard triac	ST	Z0107MN 5AA4
6	2	R1, R2	47 R, ±5%, 0.75 W, 1206	Resistors	Any	Any
7	4	TP1, TP2, TP3, TP4	20-2136	Test points	VERO	20-2136
8	2	X1, X2	TN1605H-8T, TO-220AB	High temperature 16 A SCRs	ST	TN1605H-8T
9	1	-	HE9TF, L = 35 mm, 1 m x 3/4 inches x 3/4 inches x 1/8 inches	Heat sink	Any	Any
10	3	-	M3x8 mm	CHC screw	Any	Any

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