

		PROJECT NAME: STEVAL-ISA165V1	
BILL OF MATERIALS			

Item	Quantity	Reference	Part / Value	Tolerance	Voltage / Watt / Ampere	Type / TECHNOLOGY	Package	Manufacturer
1	1	C501	1uF	10%	50V	X7R CerCAP	SMD 0805	any
2	1	C502	2n7	10%	50V	X7R CerCAP	SMD 0805	any
3	0	C503, C504	N.M.	---	---	---	---	---
4	1	JP501	HEADER 13 pins				STRIP254P-M-13-90	
5	2	Q501, Q502	STP120N4F6			Power MOSFET	TO220	STMicroelectronics
6	1	Q503	BC847C			NPN Transistor	SOT23	VISHAY
7	4	R501, R503, R506, R507	0R	5%		Metal Film RES	SMD 0805	any
8	1	R502	100k	1%		Metal Film RES	SMD 0805	any
9	2	R504, R505	100R	5%		Metal Film RES	SMD 0805	any
10	2	R508, R509	1k0	5%		Metal Film RES	SMD 0805	any
11	0	R510, R511	N.M.	---	---	---	---	---
12	1	U501	SRK2001			SR Controller	SSOP10	STMicroelectronics
	2	NYLON SCREW	M3 x 6					any
	2	NYLON NUT	M3					any
	2	MICA INSULATOR FOR TO220 15x19 mm						any