

		PROJECT NAME:		STEVAL-ILL063V1			
BILL OF MATERIALS							
Item	Quantity	Reference	Part / Value	Voltage / Watt / Ampere	Tolerance	Package	Manufacturer's ordering code / Orderable Part Number
1	1	C1	100nF	50V		0603	Murata GRM188R71H104JA93D
2	1	C2	15pF	50V	5%	0603	Murata GQM1885C1H150JB01D
3	1	C3	4.7uF 50V	50V	15%	1210	Murata GRM32ER71H475KA88L
4	1	C4	10nF 50V	50V	15%	0603	Murata GRM188R71H103KA01D
5	1	C5	100nF 50V	50V		0805	Murata GRM21BR71H104KA01L
6	2	L1,C6	NOT MOUNTED	/	/	/	/
7	1	D1	BZX384-C43				any
8	1	D2	STPS3L60U				STMicroelectronics STPS3L60U
9	1	L1A	XAL6060 22uH				Coilcraft XAL6060 22uF
10	1	Q1	BC807-16				any
11	1	RS1	R280			1210	any
12	1	R1	10k		1%	0603	any
13	1	R2	5k6		1%	0603	any
14	2	R3,R5	47K		1%	0603	any
15	1	R4	1K		1%	0603	any
16	1	TP1	VIN, VLED+, VLED-, DIM, GND				
17	1	T1	soldering between pin 1& 2				
18	1	U1	LED5000			HSO8	STMicroelectronics