

		PROJECT NAME:		STEVAL-ILL064V1			
BILL OF MATERIALS							
Item	Quantity	Reference	Part / Value	Voltage / Watt / Ampere	Package	Manufacturer	Manufacturer's ordering code / Orderable Part Number
1	1	C1	100nF 50V	50V	0805	Murata	GRM21BR71H104KA01L
2	2	C2,C3	10uF -50V	50V	1210	TDK	
3	1	C4	330nF 50V	50V	0805	TDK	
4	2	C5,C9	NM	/	/	/	/
5	1	C6	2n2 - 25V	25V	0603		
6	1	C7	15pF - 25V	25V	0603		
7	1	C8	3.3uF - 50V	50V	0805		
8	1	D1	BZX384-C20				
9	1	D2	STPS3L60U			STMicroelectronics	
10	1	L1	XAL5050-22uH		XAL5050	Coilcraft	
11	1	Q1	BC807-16				
12	1	RS1	200mohm 1%		1210		
13	1	R1	10K 5%		0603		
14	1	R2	47K 5%		0603		
15	1	R3	1K 5%		0603		
16	1	R4	47K 5%		0603		
17	1	R5	5K6 5%		0603		
18	5	TP1,TP2,TP3,T P4, TP5	VIN, VLED-, DIM, GND, VLED+				
19	1	T1	soldering between pin 1& 2				
20	1	U1	LED5000		HSO8	STMicroelectronics	