

PROJECT NAME:

STEVAL-ILL065V1

BILL OF MATERIALS

Item	Quantity	Reference	Part / Value	Voltage / Watt / Ampere	Type / TECHNOLOGY informations	Tolerance	Package	Manufacturer	Manufacturer's ordering code / Orderable Part Number
1	2	C1,C2	10uF -50V	50V	X7S	10%	1210	TDK	C3225X7S1H106K250AB
2	2	C3,C6	100nF 50V	50V			0805	Murata	GRM21BR71H104KA01L
3	1	C4	2n2 - 25V	25V			0603	KEMET	C0603C222J3RACTU
4	1	C5	15pF - 25V	25V		5%	0603	KEMET	C0603C150J3GCAUTO
5	9	L1,R2,D4,R6,R7,C7,R8,C9,C10	NM		NM	NM	NM	NM	NM
6	1	C8	3.3uF - 50V	50V			0805	TDK	C2012X5R1H335M125AB
7	2	D1,D3	STPS3L60U					STMicroelectronics	
8	1	D2	BZX84-V4V7						
9	1	D5	BZX384-C20						
10	1	D6	BZX384-C10						
11	1	D7	BAS70J						
12	2	JP1,JP2	CAVALIERE MONTATO						
13	1	L1A	XAL5050-22uH				XAL5050	Coilcraft	
14	1	Q1	STN3NF06L						
15	1	RS	R200				1210		
16	2	R1,R4	10k 5%				0603		
17	1	R3	5K6 5%				0603		
18	1	R5	100R					ELCART	4/15630
19	7	TP1	DIM, VIN, VLED+, INH, VLED-, GND, GND						
20	1	U1	LED5000				HSO8	STMicroelectronics	