

PROJECT NAME: STEVAL-ILL079V1

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	4.7uF	100V	X7S	10%	1210	TDK	C3225X7S2A475K
2	2	C3, C4	1uF	100V	X7S	10%	0805	TDK	C2012X7S2A105K
3	1	C5	1uF	100V	X7R	10%	1206	TDK	C3216X7R2A105K
4	1	C6	N.M.		NOT ASSEMBLY				NOT ASSEMBLY
5	1	C7	100nF	16V	X7R	10%	0603		
6	1	C8	N.M.		NOT ASSEMBLY				NOT ASSEMBLY
7	1	C9	5.6nF	16V	X7R	10%	0603		
8	1	C10	22nF	16V	X7R	10%	0603		
9	1	C11	220pF	50V	NP0	10%	0603		
10	1	C12	100pF	100V	NP0	10%	0603		
11	1	C13	1uF	25V	X5R	20%	0805		
12	1	D1	STPS3L60	60V-3A	Schottky rectifier		SMBFLAT	STMicroelectronics	STPS3L60UF
13	1	D2	BZX384-C30	30V	Zener diode	5%	SOD-323	NXP	BZX384-C30
14	1	J1	STRIP LINE- MALE		2 WAY		PITCH 2.54mm		
15	1	L1	47uH	3.3A sat/ 75mΩ max.	Shielded inductor	20%	12.3x12.3mm	Coilcraft	MSS1260-473
16	1	Q1	2STR2160	60V	BJT, PNP, 60V		SOT-23	STMicroelectronics	2STR2160
17	3	R3, R4, R14	0	100mW			0603		
18	1	R5	N.M.		NOT ASSEMBLY				NOT ASSEMBLY
19	1	R6	7.5k	100mW		1%	0603		
20	2	R7, R8	47k	100mW		1%	0603		
21	1	R9	33k	100mW		1%	0603		
22	1	R12	100k	100mW		1%	0603		
23	1	R13	0.51	500mW		1%	1210	Panasonic	ERJ14BQFR51U
24	1	R15	1k	100mW		1%	0603		
25	1	R16	100k	100mW		1%	0603		
26	1	R17	22k	100mW		1%	0603		
27	9	TP1, TP2, TP3, TP4, TP5, T62, TP7, TP8, TP9, TP10			Test point		1.3mm diameter	Vogt	3780A08.61
28	1	U1	LED6000		Current source for LED supply		HTSSOP 16	STMicroelectronics	LED6000
29	1	Jumper To apply on J1	Female Jumper		Female Jumper		Female Jumper	any	any