

		PROJECT NAME: STEVAL-ILL039V1		2LED driver			
BILL OF MATERIALS							
Item	Quantity	Reference	Part / Value	TECNOLOGY information	PACKAGE	Manufacturer	Manufacturer Code
1	1	C1	4.7µF, 6.3V		0805	Murata	GRM21BR60J475
2	1	C2	10µF, 16 V		1206	Murata	GRM31CB31C106K
3	1	C4	10 nF, 6.3 V		0603	Murata	GRM188R70J103KA01B
4	3	C3,C5,C6	1 µF, 16 V		0603	Murata	GRM188R61C105K
5	1	L1	10µH		6mm x 6mm x 3.5mm	Coilcraft	LPS6235-103MLB
6	1	U2	STL120N2VH5		PowerFLAT™ (5x6)	ST	
7	1	U3	STN4NF03L		SOT-223	ST	
8	1	D1	STPS2L30		SMA	ST	
9	1	RFB	0.47		0805	ANY	
10	1	Rs	0.047		0805	ANY	
11	1	RF	0		0603	ANY	
12	3	JP1,JP2,JP4	2 PIN-STRIP LINE	TRH-2.54mm Pitch	TRH	any	any
13	1	JP3	3 PIN- STRIP LINE	TRH-2.54mm Pitch	TRH	any	any
14	5	TP1,TP2,TP3,TP4,TP5	1 PIN- STRIP LINE	TRH-2.54mm Pitch	TRH	any	any
15	1	U1	STLDC08		DFN10 (3 x 3 mm.)	ST	