

Board Name:		STEVAL-ILL067V1				
QTY	Component	Description	Package	Part-Number	Manufacturer	Value
Capacitors						
1	C2	Aluminum, 50V, 6.3x7.7mm	Panasonic D8	EEEFK1H470XP	Panasonic	47u
5	C3, C4, C10, C11, C12	X7S, 50V, 10%, AG	SMD 1210	GCM32EC71H106KA01	Murata	10u
2	C1, C13	X7R, 100V, 10%, AG	SMD 0805	GCM21BR72A104KA01		100n
2	C5, C6	X7R, 25V, 10%, AG	SMD 0603	GCM188R71E474KA64		470n
1	C9	X7R, 16V, 10%, AG		GCM033R71C332KA55		3n3
2	C7, C16	X7R, 25V, 10%, AG		GCM188R71E472KA37		4n7
1	C8	COG, 50V, 5%, AG	SMD0805	GCM1885C1H101JA16		100p
1	C14	COG, 100V, 5%, AG		GCM2165C2A471JA16		470p
7	C15, C17-C22	COG, 100V, 5%, AG	SMD0603	GCM1885C2A221JA16		
Resistors						
1	R1	Chip Resistor, 0.1W, 1%	SMD 0603			510k
1	R2	Chip Resistor, 0.1W, 1%				18k
1	R3	Chip Resistor, 0.1W, 1%				2k4
1	R4	Chip Resistor, 0.1W, 1%				4R7
1	R5	Chip Resistor, 0.1W, 1%				240k
1	R6	Chip Resistor, 0.1W, 1%				26k1
1	R7	Chip Resistor, 0.1W, 1%				180k
1	R8	Chip Resistor, 0.1W, 1%				680k
2	R9, R10	Chip Resistor, 0.1W, 1%				100k
1	R11	Chip Resistor, 0.1W, 1%				1k
1	R12	Chip Resistor, 0.1W, 1%				N.M.
1	R13	Chip Resistor, 0.125W, 1%		SMD 0805		
Inductors						
1	L2	Power inductor	7.5x7.5mm	XAL7030-103MEB	Coilcraft	10u
6	L3-L8	EMI ferrite bead	SMD 0603	BLM18KG601SN1	Murata	0R6
1	L1	Power inductor	5.5x5.3mm	XAL5030-102MEB	Coilcraft	1u
Diodes						
1	D1	Schottky, 40V, 1A, AG	SMA/SOD-123	STPS1L40-Y	ST	STPS1L40-Y
1	D2	Red LED, 3mA	SMD 0603			
1	D3	Schottky, 40V, 0.3A	SOD-523	BAT54K	ST	N.M.
Integrated Circuits						
1	U1	I.C.	QFN5x5-24	ALED7707	ST	ALED7707
Connectors and Test-points						
13	TP1, TP2	Test point	1.0mm	200-202	RS	
2	J1-J15	small faston	1.2mm			
1	SW3	SMD pushbutton		434123025816	Würth Elektronik	
3	SW1, SW2, SW4	jumper 3	SIL 3		Standard	