		PROJECT NAME:	**STEVAL-ISA155V1**	
BILL OF MATERIALS				

Item	Quantity	Reference	Part / Value	Voltage / Watt / Ampere	Type / TECNOLOGY informations	Tolerance	Package	Manufacturer	Manufacturer's ordering code / Orderable Part Number
1	1	C1	10uF	50V	X5R	10%	1210	Murata	GRM32ER61H106KA12L
2	1	C2	22nF	25V	X7R	10%	0603		
3	1	C3	220pF	50V	NP0	5%	0603		
4	1	C4	150uF	10V	PosCap	20%	D3L (7343-20)	Sanyo	10TPB150ML
5	1	D1	40V - 2A		Schottky rectifier		SMB	ST	STPS2L40U
6	1	L1	22uH	1,2A sat/ 0,25Ω max.	Unshielded inductor	20%	6,1x8,9mm	Coilcraft	DO1813HC-223
7	1	R1	5,6kΩ	125mW	Chip resistor	1%	0603		
8	1	R2	3,3kΩ	125mW	Chip resistor	1%	0603		
9	1	R3	5,1kΩ	125mW	Chip resistor	1%	0603		
10	1	RSENSE	100mΩ	1W	Shunt resistor	1%	2512	Panasonic	ERJ1TRSFR10U
11	1	U1	L6902D		IC		SO8	ST	L6902D
12	5	VIN - VOUT - GND - GND - REF -	Pin Strip		Test point		2,54mm pitch		