

PROJECT NAME: STEVAL-IFP015V2

BILL OF MATERIALS

Item	Reference	Part / Value	Voltage Current	TECNOLOGY information	PACKAGE	Manufacturer	Manufacturer Code	RS/Distelec/Other Code Vendor
1	CN1	CON30		30 pin conector for flat cable	CON-FLAT-15X2-180M			DIGIKEY-OR994-ND
2	C1	100uF/50V	50	Electrolytic Capacitor	CAPES-R8H10	Panasonic	EEEEP1H101AP	Farnell-1714769
3	C2	1uF/50V	50	Ceramic capacitor Low ESR	CAPC-1206	Murata	GRM31MR71H105KA88L	Farnell-1828838
4	C3	1uF/50V	50	Ceramic capacitor	CAPC-0805			Farnell-1845750
5	C4	4.7nF Y1/4kV	4KV	Single layer high voltage tensione	CAPD-160X50-10	Vishay	VY1472M63Y5UQ6*V0	MOUSER-72-VY1472M63Y5UQ63V0
6	C5	4.7nF Y1 /4kV	4KV	Single layer high voltage tensione	CAPD-160X50-10	Vishay	VY1472M63Y5UQ6*V0	MOUSER-72-VY1472M63Y5UQ63V0
7	C7,C8,C9,C10,C11,C12,C14,C16	22nF/50V	50	Ceramic capacitor	CAPC-0603			
8	C6	220nF/10V	10	Ceramic capacitor Low ESR	CAPC-0805	Murata	GRM188R71A224KA01D	RS-723-5593
9	C13,C15,C17,C18,C19,C20,C21,C22,C23, C24,C25	100pF/10V	10	Ceramic capacitor	CAPC-0603			
10	C26	47uF/10V	10	Ceramic capacitor	CAPC-1210	Murata	GRM32ER71A476KE15	Farnell-1797018
11	D1	STPS1H100A		Schottky diode SMD	DIODO-SMA	ST		
12	D13	STPS1L60A		Schottky diode SMD	DIODO-SMA	ST		
13	D2	Red		Led diode	LEDC-0603			
14	D3	Green		Led diode	LEDC-0603			
15	D4	Yellow		Led diode	LEDC-0603			
16	D5,D6,D7,D8,D9,D10,D11,D12	Green		Led diode	LEDC-0603			
17	J1,J2	CON2		2 ways screw connector	MORSV-508-2P			
18	J3	OUT_EN		3 ways drop jumper	JP3SO_1			
19	J4	CON8		8 ways screw connector	MORSV-508-8P			
20	JP1	Vdd		4 ways drop jumper	JP4SO			
21	R1,R2,R3	680R		SMD resistor	RESC-0603			
22	R4,R5,R6,R7,R8,R9,R10,R12,R14,R15,R16	270R		SMD resistor	RESC-0603			
23	R11	10k		SMD resistor 1%	RESC-0603			
24	R19,R20,R21,R22,R23,R24,R25,R26,R27	10k		SMD resistor	RESC-0603			
25	R17	NC		Not populated	RESC-0603			
26	R13	15k		SMD resistor 1%	RESC-0603			
27	R18	10k		SMD resistor 1%	RESC-0603			
28	R28,R29,R30,R31,R32,R33,R34,R35	6k8		SMD resistor	RESC-0603			
29	TP1,TP3,TP4	T POINT A		Test point	TPTH-RING-1MM			
30	TP2	T POINT R		Test point	TPTH-RING-1MM			
31	TRS1	SM15T33CA		Transil SMD	DIODE-SMC-BIDIR	ST		
32	U1	ISO8200B		Device PSO36	POWERSO065P-145X36-36-EP-iso	ST		