

PROJECT NAME: STEVAL-IFP017V3

BILL OF MATERIALS

Item	Quantity	Reference	Part / Value	Voltage / Watt / Ampere	Type / TECHNOLOGY informations	Tolerance	Package	Manufacturer	Manufacturer's ordering code / Orderable Part Number	Additional Notes
1	1	CON1	6 ways screw connector		5.08mm		TH	RS WURTH	790-1089 691216510003	- 3+3 ways in series
2	1	CON2	5 ways screw connector		5.08mm		TH	RS WURTH	790-1070 691216510003/2	- 3+2 ways in series
3	1	C1	68nF	16V	X7R	±10%	0402	WURTH	885012205036	
4	1	C2	1uF	50V	X7R	±10%	0603	TAIYO YUDEN	UMK107AB7105KA-T	
5	5	C3, C4, C5, C7, C8	100pF	50V	X7R	±15%	0402	WURTH	885012205055	
10	2	C9, C10	470pF	50V	X7R			WURTH	885012205059	
12	3	R1, R2, R4	100Ω	0.1W		±1%	0603	TECONNECTIVITY	CRG0603F100R	
15	1	R3	220Ω	0.75W		±1%	1206	PANASONIC	ERJB2AF221V	
16	2	R5, R6	100kΩ	0.1W		±1%	0603	BOURNS	CR0603-FX-1003ELF	
18	3	R7, R8, R9	1kΩ	0.1W		±1%	0603	VISHAY	CRCW06031K00FKEA	
21	2	R12, R13	806Ω	0.1W		±1%	0603	VISHAY	CRCW0603806RFKEA	
23	2	R14, R16	4.7kΩ	0.1W		±1%	0603	VISHAY	CRCW06034K70FKEA	
25	1	D1	GREEN LED	2.2V	GaP		0805	OSRAM	LG R971	26mcd
26	2	D2, D3	RED LED	1.8V	GaAlAs		0805	OSRAM	LH R974	41mcd
28	5	J1, J2, J3, J5,	3 pins (2 ways) switch		2.54 mm		TH			DEFAULT = OPEN Provide Caps
33	6	J4, J6, J7, J8, J9, J10	2 pins jumper		2.54 mm		TH			DEFAULT = OPEN Provide Caps
39	1	TP(OL)	Ring Test Point		1 mm		TH	Vero Technologies	20-2137	
40	1	DUT1	L6362A				DFN 3x3 12L	L6362A	ST	
41	4	SPACER & SCREW			M3 x M3			RS	806-6601	