

## Bill of Material - STEVAL-IFP001V1

Quantity	Reference	Part	Description	Supplier
<b>Capacitors</b>				
8	C1-C8	10nF	ceramic capacitor 0805, 50V,	GM, CK-10N X7R, 906-089
1	C11	100nF	ceramic capacitor 0805, 50V,	GM, CK-100N X7R, 906-096
1	C13	22uF	SMD electrolytic capacitor 22uF/50V, type HT (-40 to +105),+/-20%	Semic Trade,SMD capacitor HT 22uF/50V
<b>Diodes</b>				
1	D1	SM15T33A	Transil diode, 33V	ST
9	DS1-DS9	LED 1206	SMD LED diode 1206, green color	GM, LED 1206 ZELENA, 960-021
<b>Mechanical part</b>				
1	JP1	MLW34G	Header 2*17 pins (34),	GM, MLW34G, 800-053
1	JP2	MLW14G	Header 2*7 pins (14),	GM, MLW14G, 800-046
4	JP3	ARK500/2	4*connector ARK500/2, RM=5mm	GM, ARK500/2, 821-017
1	JP4	ARK500/2	connector ARK500/2, RM=5mm	GM, ARK500/2, 821-017
1	W1	S1G20	0.1 of Breakaway PCB pin - used only two pins!	GM, S1G20, 832-017
4		KDI6M3X08	distance column M3, 8mm	GM, KDI6M3X08, 623-084
<b>Resistors</b>				
9	R1-R9	470R	resistor, size 0805, 150V/300V, 0.125W, 5%	GM, 901-111
1	R18	1k5	resistor, size 0805, 150V/300V, 0.125W, 5%	GM, 901-033
8	R19-R26	4k7	resistor, size 0805, 150V/300V, 0.125W, 5%	GM, 901-115
<b>ICs</b>				
1	U1	VN808CM	STMicroelectronics, VN808CM, Octal high side driver	ST