

**STEVAL-IFP023V1 bill of material**

<b>Designator</b>	<b>Value</b>	<b>Package / footprint</b>	<b>Manufacturer / order code</b>	<b>Quantity</b>
R1,R3, R5, R8, R10, R18, R20, R21	Resistor 2.2 k $\Omega$ 1% 0.4 W MELF MMB0207	SMD MELF 0207	Vishay BEYSCHLAG MMB02070C22	16
R6,R22	Resistor 1.0 k $\Omega$ 1% 0.4 W MELF MMB0207	SMD MELF 0207	Vishay BEYSCHLAG MMB02070C10	2
R7,R24	Resistor 15 k $\Omega$ 1% 0805	SMD 0805	Any	2
R43	Resistor 1.5 M $\Omega$ 1% 0.4 W MELF MMB0207	SMD MELF 0207	Vishay BEYSCHLAG MMB02070C15	1
R44	Resistor 120 k $\Omega$ 1% 0.4 W MELF MMB0207	SMD MELF 0207	Vishay BEYSCHLAG MMB02070C12	1
R48,R49,R57,R58R59,R60,R61,R62	Resistor 330 $\Omega$ 1% 0805	SMD 0805	Any	8
R50,R51	Resistor 22 $\Omega$ 1% 0805	SMD 0805	Any	2
R52,R53,R54,R55,R56	Resistor 220 $\Omega$ 1% 0805	SMD 0805	Any	5
SGNDTP1-2, MICGNDTP3-4,	Test-point	Through hole	Terminal assembly 1.02 mm	4
CN1	MICRO-D plug straight THT 25	MICRO D-sub connector male 25P	NORCOMP 380-025- 113L001	1
CN2	MICRO-D plus straight THT 9	MICRO D-sub connector male 09P	NORCOMP 380-009- 113L001	1
CN9	Strip line male single row 2.54 mm	Through hole	Any	1
LED0, LED15	LED SMD 0805 green	SMD 0805	Any	16
U1, U2	CLT01-38S4	HTSSOP38	ST	2
U5, U6	ACPL-K73L	SO8-wide	AVAGO technologies	2
C1,C4,C6,C18	Capacitor 33 nF/50 V 0805	SMD 0805	Any	4
C2,C25	Capacitor 100 nF/50 V 0805	SMD 0805	Any	2
C19,C20,C21,C22,C23	Capacitor 100 pF/50 V 0805	SMD 0805	Any	5
C13,C14	Capacitor tantalium 10 $\mu$ F/6.3 V	SMD 1210	Any	2

**STEVAL-IFP023V1 bill of material (continued)**

<b>Designator</b>	<b>Value</b>	<b>Package / footprint</b>	<b>Manufacturer / order code</b>	<b>Quantity</b>
C40, C55	Capacitor 3.3 nF/50 V 5% 1206	SMD 1206	Any	16
JMP1, JMP2	PCB switch 1K2 straight black	Through hole	EAO: ref 09-03290.01	2
SCR1, SCR4	Screw M3		Any	4
Frame1	PCB frame PFL2T	55x30x16 mm	PERANCEA	1
Frame2	PCB frame PFL11T	30x30x11 mm	PERANCEA	1
25 poles micro-D female (assembled) to blunt cut cable			NORCOMP	1
9 poles micro-D female (assembled) to blunt cut cable			NORCOMP	1