

Bill of materials
Table 1. STEVAL-HARVEST1 bill of materials

Item	Q.ty	Ref.	Part/value	Description	Manufacturer	Order code
1	2	BT1, BT2	Battery_Cell	iTen Battery	ITEN	ITX181250B
2	1	C1	SuperCap	Super Capacitor, 1.2F, 3V	CORNELL DUBILIER	DSF125M3R0
3	2	C2,C4	C_Storage 3300uF	Storage Capacitor 3300uF	KYOCERA AVX	TLN6338M004R0055
4	4	C3,C5,C6,C7	C_Storage 3300uF	Storage Capacitor 3300uF	KYOCERA AVX	TLN6338M004R0055
5	4	C8,C11,C12, C15	10uF	Capacitor	Würth Elektronik	885012107010
6	4	C9, C14, C_Comp1, C_Comp2	100nF	Capacitor	Würth Elektronik	885012207016
7	4	C10,C13, C16,C17	100nF	Capacitor	Würth Elektronik	885012207016
8	2	CN7, CN10	Conn_02x19_Odd_Even	Morpho Connector	Samtec	SSM-119-L-DV-A
9	17	J2,J3,J4,J6,J7,J8, J9,J10,J11,J12,J13,J14,J15,J16,J21,J22,J23	Conn_01x01	Single Pin, Through Hole	Keystone Electronics	1030
10	1	J20	Conn_01x02_Pin	2 Pin Connector	Würth Elektronik	61300211121
11	9	R1,R17,R18,R19, R20,R21,R31,R32,R33	0R	Resistor	Würth Elektronik	560112120002
12	6	R4,R7,R26,R27,R28,R29	0R	Resistor	Würth Elektronik	560112120002
13	1	U1	SHT40	High-Accuracy, Ultra-Low-Power, 16-bit Relative Humidity and Temperature Sensor Platform	Sensirion	SHT40-AD1B-R2
14	1	U4	STHS34PF80, LGA 3.2 x 4.2 x 1.455 mm 10 L 0.5 mm	Low-power, high-sensitivity infrared (IR) sensor for presence and motion detection	ST	STHS34PF80TR
15	1	U3	STTS22H, UDFN 2 x 2 x .55 6 L PITCH0.65	Low-voltage, ultralow-power, 0.5 °C accuracy I ² C/SMBus 3.0 temperature sensor	ST	STTS22HTR
16	1	U2	LIS2DU12, LGA 12 L 2.0 x 2.0 x 0.74 mm	Ultralow-power accelerometer with antialiasing and motion detection	ST	LIS2DU12TR

Item	Q.ty	Ref.	Part/value	Description	Manufacturer	Order code
17	4	D1,D2,D3,D4	BAT60, SOD323	Small Signal schottkey Diode	ST	BAT60JFILM
18	1	J1,J5	AM-1815CA	Solar Panels & Solar Cells Solar Cells 3 V Glass Indoor	Panasonic	AM-1815CA



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