

STEVAL-IME011V2

BILL OF MATERIALS

Item	Quantity	Reference	Part / Value	Package	Manufacturer
1	6	CF1, CF2, CF3, CF4, CF5, CF6	CAP_ELECTROLIT, 10µF	3216-18	any
2	2	C1_F2_F4, C2_F2_F4	CAP_ELECTROLIT, 2.2µF	1608-10	any
3	4	CF7, CF8, CF9, CF10	CAPACITOR, 10µF	C2220	any
4	19	CAD1, CAD2, CB1, CB2, CB3, CB4, CB5, CB6, CB7, CB8, CB9, CB10, CB11, CB12, CP1, CP2, CP3, CP4, CRST	CAPACITOR, 100nF	C0603	any
5	2	CC1, CC2	CAPACITOR, 10nF	C0603	any
6	16	CB13, CB14, CB15, CB16, CB17, CB18, CB19, CB20, CB21, CB22, CB23, CB24, CB25, CB26, CB27, CB28	CAPACITOR, 220nF	C0805	any
7	4	CR1, CR2, CR3, CR4	CAPACITOR, 22nF	C0603	any
8	2	Cosc1, Cosc2	CAPACITOR, 22pF	C0603	any
9	4	CLA, CLB, CLC, CLD	CAPACITOR, 270pF	C1206	any
10	4	CR5, CR6, CR7, CR8	CAPACITOR, 3.9nF	C0603	any
11	1	X1	crystals, LFXTAL011301	HC49-US-SMX	any
12	1	UF1	USBUF02W6	SOT-323-6L	STMicroelectronics
13	1	JTAG	GENERIC, HDR1X8	SIL8	any
14	1	U2	STHV748S	QFN-64	STMicroelectronics
15	1	REG1	LDO, LD1117	SOT-223	any
16	1	REG2	LDO, LT3032	DFN14	any
17	5	L1, L2, L3, L4, USB_PWR	LED	L0603	any
18	1	POT1	POTENTIOMETER, 10kΩ	3224J	any
19	4	HVM0, HVM1, HVPO, HVP1	Power, AMP_CONNECTOR	PM508-2-90	any
20	2	VDD, VSS	Power, AMP_CONNECTOR_2	PM508-2-90	any
21	1	RGND	RESISTOR, 0Ω	R0805	any
22	2	R2_F2_F4, R1_F1_F4	RESISTOR, 0Ω	R0603	any
23	2	RAD2, RAD3	RESISTOR, 100kΩ	R0603	any
24	4	RLA, RLB, RLC, RLD	RESISTOR, 100Ω	R1210	any
25	2	RF1, RF4	RESISTOR, 107kΩ	R0603	any
26	5	RP1, RP2, RP3, RP4, RTHSD	RESISTOR, 10kΩ	R0603	any
27	1	Rosc	RESISTOR, 1MΩ	R0603	any
28	2	RAD1, RAD4	RESISTOR, 2.7kΩ	R0603	any
29	2	R18, RSHD	RESISTOR, 330Ω	R0603	any
30	14	RE0, RE1, RE2, RE3, RE4, RE5, RE6, RE7, RL1, RL2, RL3, RL4, RL5, RL6	RESISTOR, 56Ω	R0603	any
31	2	RF2, RF3	RESISTOR, 62kΩ	R0603	any
32	2	D1, D2	SCHOTTKY, BAT20J	SOD-323	any
33	5	AN_SUPPLY, SPI1, SPI2, SPI3, USR_RX	header, JUMPER2P	SIL2	any
34	3	BOOT0, SPI_JTAG_1, SPI_JTAG_2	header JUMPER3P	SIL3	any
35	8	LVOUTA, LVOUTB, LVOUTC, LVOUTD, XDCRA, XDCRB, XDCRC, XDCRD	connector, SMB	SMB-SMT	any
36	1	U1	STM32F427VI	LQFP-100	STMicroelectronics
37	5	STR, PRG, STP, USR, RST	SWITCHES, PUSH_BUTTON	DTSM6	any
38	1	USB	TE_CONNECTIVITY, 1734035-1	MINI USB-B SMT	any
39	2	ZAD1, ZAD2	ZENER, DZ25033	SOD-523	any
40	1	L5	LED	L0603	any
41	1	L6	LED	L0603	any