

STEVAL-MKI024V1 Bill of Materials

Designator	Comment	Footprint	LibRef	Description	OrderCode
C1	10uF	C1206_POL	C1206_POL		RS 262-4535
C2	4.7uF	C1206_POL	C1206_POL		RS 262-4585
C3	4.7uF	C1206_POL	C1206_POL		RS 262-4585
C4	100nF	0805	CAP	Capacitor	RS 237-7100
C5	100nF	0805	CAP	Capacitor	RS 237-7100
C6	100nF	0805	CAP	Capacitor	RS 237-7100
C7	100nF	0805	CAP	Capacitor	RS 237-7100
C8	47nF	0805	CAP	Capacitor	RS 237-7087
C9	220nF	0805	CAP	Capacitor	RS 220-8032
C10	10uF	C1206_POL	C1206_POL		RS 262-4535
C11	100nF	0805	CAP	Capacitor	RS 237-7100
C12	100nF	0805	CAP	Capacitor	RS 237-7100
C13	10uF	C1206_POL	C1206_POL		RS 262-4535
C14	220nF	0805	CAP	Capacitor	RS 220-8032
C15	220nF	0805	CAP	Capacitor	RS 220-8032
C16	4.7uF 16V	C1206_POL	C1206_POL		RS 262-4585
C17	4.7uF 16V	C1206_POL	C1206_POL		RS 262-4585
C18	2.2uF	C1206_POL	C1206_POL		RS 434-8069
C19	100nF	0805	CAP	Capacitor	RS 237-7100
Cosc1	33pF	0805	CAP	Capacitor	RS 237-6826
Cosc2	33pF	0805	CAP	Capacitor	RS 237-6826
D1	LED_SMDg	LED_SMD 0805	LED_SMD		RS 171-3454
D2	LED_SMD 3C	LED_SMD 3C	LED_SMD_3C		RS 429-596
D3	LED_SMDg	LED_SMD 0805	LED_SMD		RS 171-3454
D4	LED_SMDr	LED_SMD 0805	LED_SMD		RS 171-3432
J1	USB_mini_B	USB_mini_B_NEW	USB_mini_B		RS 515-1995
J2	ICP	HEADER_5X2_A	HEADER 5X2		RS 251-8648
J3	SPI	HDR1X7	Header 7	Header, 7-Pin	<i>Not mounted</i>
J4	HDR1X2	HDR1X2	BUTTON_SMT		RS 251-8632 + 251-8503
J5	Current_Measure	HDR1X2	CON2	Connector	RS 251-8632 + 251-8503
Q1	2STR2215	2STR2215	2STR2215		ST
Q2	SO642	SO642	SO642		ST
R1	180R	0805	RES1		RS 347-9819
R2	100R	0805	RES1		RS 347-9780
R3	100R	0805	RES1		RS 347-9780
R4	10K	0805	RES1		RS 348-0049
R5	470R	0805	RES1		RS 223-0376
R6	1.5K	0805	RES1		RS 347-9932
R7	10K	0805	RES1		RS 348-0049
R8	1K	0805	RES1		RS 223-0427
R9	100R	0805	RES1		RS 347-9780
R10	100R	0805	RES1		RS 347-9780
R11	10K	0805	RES1		RS 348-0049
R12	0R	0805	RES1		RS 223-0146
R13	0R	0805	RES1		<i>Not mounted</i>
Riccsel	10K	0805	RES1		RS 348-0049
SW1	NReset	Button_Micro_SMT	BUTTON_SMT		RS 505-9192
SW2	BUTTON_SMT	Button_Micro_SMT	BUTTON_SMT		RS 505-9192
SW3	BUTTON_SMT	Button_Micro_SMT	BUTTON_SMT		RS 505-9192
TP1	TP	tp	TP		<i>Not mounted</i>
TP2	GND	TP1	TP		<i>Not mounted</i>
U1	LIS331DL	TLGA_3x3x1	TLGA3x3x1		ST
U2	ST7265X_TQFP64	TQFP64_10x10	ST7265X_TQFP64		ST
U3	ST662ABD	SO-G8	ST662ABD		ST
U4	LE25	SO8	SO8		ST
Yoscm	12MHz	SXA	CRYSTAL	Crystal	RS 370-416 / DIS 644816