

Name	Part Number	Supplier	Component	Quantity/Build	Total Quantity	Unit Price	Total Price	Currency	Comment	Footprint
Ben K	311-1100-1-ND	Digikey	XTAL Caps	2	4	0.07	0.28	£	12 pF	0805
Ben K	311-1088-1-ND	Digikey	0.1UF 16V 10%	10	20	0.07	1.4	£	100 nF	1608[0603]
Ben K	311-1521-1-ND	Digikey	4.7UF 6.3V 10% Decoupling	1	2	0.11	0.22	£	4.7 uF	1608[0603]
Ben K	952-2093-ND	Digikey	2x4 pin header	5	10	0.25	2.5	£	Programmer and XYZ pad connectors Columns	HDR1X16H
Ben K	475-2740-1-ND	Digikey	Orange Power LED 2 mA	1	2	0.17	0.34	£	Power LED	1608[0603]
Ben K	475-1196-1-ND	Digikey	Yellow debug LED 2 mA	1	2	0.14	0.28	£	Debug LED	1608[0603]
Ben K	34-00003	Digikey	Side strip position & pressure sensor	4	8	8.73	69.84	£	FSLP	FSLP SMT connector
Ben K			USB Receptacle	1	2		0	£	USB_CONN_A	USB_CONN_TY PEA_.9
Ben K	445-6755-1-ND	Digikey	10UH 300MA 600 MOHM Inductor	1	2	0.12	0.24	£	10 uH	1608[0603]
Ben K	1276-3485-1-ND	Digikey	RES 10K OHM 1/10W 1% 0603	1	2	0.07	0.14	£	10K	1608[0603]
Ben K	1276-4635-1-ND	Digikey	RES 750 OHM 1/10W 1% 0603	2	4	0.07	0.28	£	750	1608[0603]
Ben K	1276-4709-1-ND	Digikey	4.64 K Resistor	4	8	0.07	0.56	£	4.64K	1608[0603]
Ben K	1276-4768-1-ND	Digikey	RES 20K OHM 1/10W 1% 0603	1	2	0.07	0.14	£	20K	1608[0603]
Ben K	SW1020CT-ND	Digikey	B3U-1000P Switch	1	2	0.86	1.72	£	Reset	B3U-1000P
Ben K	ATMEGA640-16 AURCT-ND	Digikey	100A 8-bit AVR uC	1	2	7.92	15.84	£	ATmega640	100A_N
Ben K			FTDI USB UART	1	2		0	£	FT232R	SSOP28
Ben K	568-2699-5-ND	Digikey	Row MuX	1	2	2.02	4.04	£	74HC4067	74HC4067
Ben K	644-1204-1-ND	digikey	7.3278 MHz Clock	1	2	0.44	0.88	£	XTAL	crystal
Ben K	ThruMode Matrix	Sensitronics	XYZ Pad	1	2	18	36	£		
Ben K	MCP1700T3302ETTCT-ND	Digikey	IC REG LDO 3.3V 0.25A SOT23-3	1	2	0.3	0.6	£		SOT23
Ben K	311-0.0HRCT-ND	Digikey	RES 0.0 OHM 1/10W JUMP 0603 SMD	2	4	0.07	0.28	£		603
Ben K	P668-ND	Digikey	BATTERY LITHIUM COIN 3V W/TABS	1	2	0.76	1.52	£		Coin, 20.0mm
Ben K	B00CDX2WCG	AmazonUK	OTG Cable	1	2	1.78	3.56	£		USB Cable

Total	140.66
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