

# Component list

HK32F030MF4P6\_HB\_Bill\_of\_Materials for BOM Document [HK32F030MF4P6\_Header\_Board.BomDoc]

Source Data From: HK32F030MF4P6\_Header\_Board.BomDoc

Project: HK32F030MF4P6\_Header\_Board.PrjPcb

Variant: None

Contact:

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Report Date: 1/28/2023 9:16 PM  
Print Date: 28-Jan-23 9:16:45 PM

#	#Column Name Error: Category	Manufacturer 1	Manufacturer Part Number 1	#Column Name Error: Package / Case	Description	Quantity	Supplier 1	Supplier Part Number 1	Supplier Order Qty 1	Supplier Stock 1	Supplier Unit Price 1	Supplier Subtotal 1	Supplier Currency 1
1		TDK	PS1440P02BT		Buzzers Transducer, Externally Driven	1	Farnell	3212600	1000	5329	0.42	419.00	GBP
2		Yageo	CC1206KRX7R8BB104		Capacitor SMD 1206 10V	10	Digi-Key	311-3564-2-ND	10000	36000	0.02	222.20	USD
3		KEMET	C1206C200J5GACTU		Capacitor SMD 1206 10V	2	Farnell	1650896	2000	2958	0.08	153.00	GBP
4		KEMET	C1206C106K8RACTU		Capacitor SMD 1206 10V	3	Farnell	2665725	3000	298000	0.12	357.00	GBP
5		Amphenol Commercial	G800MR303018E0		CONN, HEADER, Male, pitch: 2.54mm, 5POS	1	Mouser	523-G800MR303018E0	1000	13848	0.13	130.00	USD
6		Global Connector Technology	USB3100-30-A		USB Connector Type Micro B 2.0 SMD	1	Farnell	2443126	1500	1500	0.19	286.50	GBP
7		Vishay	TLMP1100-GS08		LED 0603 GREEN SMD	1	Digi-Key	751-1176-1-ND	1000	398006	0.15	152.03	USD
8		HK	HK32F030MJ4M6			1							
9		STMicroelectronics	M24C02-WMN6TP		EEPROM Memory IC 2Kb (128 x 8) I <sup>2</sup> C 1MHz	1	Rs	6862429P	1000	20000	0.11	109.00	GBP
10		Winbond	W25Q64JVSSIQ		FLASH - NOR Memory IC 64Mb (8M x 8) SPI -	1	Rs	1882704P	1000	3036	0.70	695.00	GBP
11		STMicroelectronics	LD1117S33CTR		Linear Voltage Regulator IC 1 Output 800mA	1	Digi-Key	497-1241-1-ND	1000	33130	0.26	256.97	USD
12		WCH(Jiangsu Qin Heng)	CH340G		USB Interface Integrated Circuit	1							
13		Samtec	TMM-102-03-L-S		JUMPER, HEADER 2PIN	1	Avnet	TMM-102-03-L-S	1000	6544	0.15	150.00	USD
14		Molex	10-97-7106		CONN, HEADER, Male, pitch: 2.54mm,	2	Newark	90M4212	2000	2217	1.20	2400.00	USD
15		TE Connectivity	FSMSMTR		Tactile Switch SPST-NO Top Actuated Surface	3	Future Electronics	3117818	3000	124200	0.18	546.00	USD
16		Vishay	TLMY1000-GS08		LED 0603 YELLOW SMD	1	Mouser	78-TLMY1000	1000	43717	0.13	127.00	USD
17		Vishay Semiconductors	VLMB1300-GS08		LED 0603 BLUE SMD	1	Mouser	78-VLMB1300-GS08	1000	235263	0.09	93.00	USD
18		Vishay	TLMS1100-GS08		LED 0603 RED SMD	1	Newark	28K0268	1000	3000	0.12	120.00	USD
19		Comchip	SS8050-G		Bipolar (BJT) Transistor NPN 25V 1.5A	1	Mouser	750-SS8050-G	1000	66341	0.06	56.00	USD
20		Yageo	RC1206FR-0710KL		Resistor SMD 1206	5	Avnet	RC1206FR-0710KL	5000	890000	0.00	20.60	USD
21		Yageo	RC1206FR-071KL		Resistor SMD 1206	6	Avnet	RC1206FR-071KL	6000	1350000	0.00	24.72	USD
22		Vishay Dale	CRCW1206100RFKEA		Resistor SMD 1206	1	Farnell	1469977	1000	70133	0.01	13.20	GBP
23		Yageo	RC1206FR-0710KL		Resistor SMD 1206	1	Newark	68X3205	1000	2245000	0.01	6.00	USD
24		Abrakon	ABLS-14.7456MHZ-B2-T		SMT Crystal	1	Rs	1710209	1000	4500	0.12	119.00	GBP
						48			46500			6456.22	

Approved	Notes	1000 pcs:	Total	6456.22 USD
			Price for 1pcs	6.46 USD