



Title		
Size	Number	Revision
A4		
Date:	7/28/2024	Sheet of
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Line #	Name	Description	Designator	Revision ID	Revision State	Revision Status	Quantity	Manufacturer 1	Manufacturer Part Number 1	Manufacturer Lifecycle 1	Supplier 1	Supplier Part Number 1	Supplier Unit Price 1	Supplier Subtotal 1
	1uF (105) 10% 50V	贴片电容	C1, C3, C11, C12, C13		Not managed		5							
	100nF (104) 10% 50V	贴片电容	C2, C4, C8, C14, C15, C16, C17		Not managed		7							
	10uF (106) 10% 50V	贴片电容	C5, C6, C10		Not managed		3							
	50THV100M10X10.5	CAP ALUM 100UF 20% 50V SMD	C7		Unknown server		1	Rubycon	50THV100M10X10.5	Volume Production	Digikey	1189-2059-1-ND	0.93	0.93
	100pF (101) 5% 50V	贴片电容	C9		Not managed		1							
	12pF (120) 5% 50V	贴片电容	C18, C19		Not managed		2							
	XT30PB(2+2)-M	This is a power connector that can also be used to send/receive can signals	J1		Unknown server		1							
	2211S-02G	2.54mm pitch, single row PCB headers.	J2		Unknown server		1	Multicomp	2211S-02G	Volume Production	Newark	08N6744	0.027	0.027
	M20-9980446	CONN HEADER VERT 8POS 2.54MM	J3		Unknown server		1	Harwin	M20-9980446	Volume Production	Mouser	855-M20-9980446	0.4	0.4
	FDSD0630-H-2R2M=P3	FIXED IND 2.2UH 7.1A 17 MOHM SMD	L1		Unknown server		1							
	B3B-PH-K-S(LF)(SN)	Male Header, Pitch 2 mm, 1 x 3 Position, Height 6 mm, Tail Length 3.4 mm, -25 to 85 degC, RoHS, Bulk	P1		Unknown server		1	JST	B3B-PH-K-S(LF)(SN)		Future Electronics	6478077	0.0944	0.0944
	2N7002 7002	MOS(场效应管)	Q1		Not managed		1							
	10KΩ (1002) ±1%	贴片电阻	R1, R2		Not managed		2							
	1KΩ (1001) ±1%	贴片电阻	R3, R5		Not managed		2							
	39KΩ (3902) ±1%	贴片电阻	R4		Not managed		1							
	3.3KΩ (3301) ±1%	贴片电阻	R6		Not managed		1							
	按键		S1		Not managed		1							
	STM32F103TBU6	ARM Cortex-M3 32-bit MCU, 128 KB Flash, 20 KB Internal RAM, 26 I/Os, 36-pin VQFPN, -40 to 85 degC, Tray	U1		Unknown server		1	STMicroelectronics	STM32F103TBU6	Volume Production	Arrow Electronics	STM32F103TBU6	4.28	4.28
	SN65HVD232D	3.3-V CAN TRANSCEIVER	U2		Not managed		1							
	SY8205FC	5A, 4.5V-30V Input, Synchronous Step Down Regulator (Buck)	U3		Not managed		1							
	AMS1117-3.3	低压差线性稳压 (LDO)	VR1		Not managed		1							
	3225 Passive Crystal		XC1		Not managed		1							