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Line #	Name	Description	Designator	Quantity	Manufacturer 1	Manufacturer Part Number 1	Manufacturer Lifecycle 1	Supplier 1	Supplier Part Number 1	Supplier Unit Price 1	Supplier Subtotal 1
	100nF 0402	贴片电容	C2, C12, C14, C17, C18, C19, C20, C21, C22, C23, C24, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C39, C46, C47, C49, C51, C53, C55, C57, C59, C61, C62, C66, C68, C70, C78	36							
	10ΚΩ 0402	贴片电阻	R6, R9, R10, R11, R12, R13, R16, R17, R18, R19, R29, R30, R31, R32, R33, R36, R37, R38, R44	19							
	10uF 0402	贴片电容	C38, C40, C41, C42, C43, C44, C45, C48, C50, C52, C54, C56, C58, C60, C65, C67, C69, C79	18							
	1.0uF 0402	贴片电容	C10, C11, C15, C27, C64, C71, C72, C73, C75, C76, C81, C82, C83	13							
	22uF 0603	贴片电容	C3, C4, C6, C7, C8	5							
	1.5KΩ 0402 4.7KΩ 0402	贴片电阻 贴片电阻	R23, R25, R40, R41 R7, R15, R47, R48	4				-			
	100ΚΩ 0402		R4, R22, R24, R27	4			1	 	†		
	0Ω 0402	贴片电阻	R20, R21, R39	3							
	BLM18AG601SN1		L1, L4, L5	3							
	DLP11SN900HL2L	Camera	U19, U21, U23	3							
	1ΚΩ 0402		R1, R2	2							
	2.2KΩ 0402 4.7uF 0402		R46, R49 C13, C77	2							
	5.1ΚΩ		R26, R28	2							
	10uF 0603	贴片电容	C1, C80	2							
	18pF 0402		C25, C26	2							
	1uF 0603		C5	1							
	2.2nF 0402 2.2uF 0402		C16 C63	1							
	2.2uH 0530		L3	1							
	2.2uH 2520	2520	L6	1							
	6.04ΚΩ 0402		R14	1							
	10nF 0402		C74	1							
	10Ω 0402 15KΩ 0402		R3 R8	1							
	20Ω 0402		R34	1							
	22Ω 0402		R50	1							
	22.1ΚΩ 0402		R5	1							
	100mH-8x10	Sensor 100mH 贴片电阻	U9 R35	1							
	100Ω 0402 220pF 0402	贴片电容	C9	1							
		ADC 12Bit	U10								
	ADS1015IDGST	4Channel		'							
	AMG8833		U14	1							
	AMN21111		U12	1							
	AP2127-ADJTRG1 AP7331-18WG		U4 U20	1							
	AP7331-28WG	Camera 2.8V		1							
	B0540WS-7		D4	1							
	Blue		D5	1							
	BME280	Sensor T/H/B TOP View	U16	1		1		1	1		
	01	G313-06329-	110	<u> </u>	1						
	Coral	00	U8	1							
	DF37NC-30DS	Camera	J1	1		1		1	1		
	DMG1024UV	Connector Camera	U18	1	 		1	-	 		
	Green		D2	1	<u> </u>						
	INMP441	Sensor	U11	1							
		Microphone									
	ISL29125	Sensor Color		1	 			-	 		
	MP2236	Vin=18, lout=6A	U3	1		1		1	1		
	MPU9250		U13	1							
	OSC-24MHz-2520	24MHz	X1	1							
		Camera		<u> </u>	 		1	-	 		
	OSC-25MHz	Passive crystal oscillator	U5	1		1		1	1		
	PAM2301CAAB120		U24	1	1				<u> </u>		
	Raspberry Pi Compute	Raspberry Pi		i							
	Module 4	Compute	U1	1		1		1	1		
		Module 4	D1	-		1	1	-			
	Red SMAJ5A		D1 D3	1 1	 	 	1	 	 		
	TPS3839	Delay 200 MS		1							
	Type-C	Type-C-16P	U2	1							
	VL53L1X	Sensor Laser	U15	1							
	VL805	PCIe to	U6	1		1		1	ĺ		
		USB3.0		<u> </u>		L	L	<u> </u>	L	l	<u> </u>