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	0.1uF	CC0603KRX7R9BB104 CAP CER 0.1UF 50V X7R 0603	C1, C3, C11, C15, C16, C17, C18, C19				3					
	10uF	CL10A106KP8NNNC Capacitor	C2, C6, C7, C8, C9, C10, C14				7					
	22pF	CC0603JRNPO9BN220 Chip Capacitor, 22 pF, +/- 5%, 50 V, -55 to 125 degC, 0603 (1608 Metric), RoHS, Tape and Reel	C4, C5, C12, C13				4					
	8 PIN	Connector	Display				1					
	TYPE-C-31-M-12	USB Connectors 24 Receptacle 1 8.94*7.3mm RoHS	J3				1					
	4 PIN	CONN HEADER VERT 4POS 2.5MM	J4_U_Encoders1, J4_U_Encoders2, J7_U_Ultrasonic Sensor3, J7_U_Ultrasonic Sensors1, J7_U_Ultrasonic Sensors2			!	5 JST	B4B-XH-A(LF)(SN)	Volume Production			
	6 PIN	Connector	J5_U_Motor Drivers1, J5_U_Motor Drivers2				2					
	2 PIN	CONN HEADER VERT 2POS 2.5MM	J6				1 JST	B2B-XH-AM(LF)(SN)	Volume Production			
	6 Pin	Connector	J10				1	, ,,,				
	Red	LED	LED1, LED2, LED3				3					
	1.5K, 1M	AF0603FR-071K5L Anti-Sulfurated Chip Resistors Automotive Grade 1.5kΩ 1% 100ppm/°C 0603, Anti-Sulfurated Chip Resistors Automotive Grade 1.5kΩ 1% 100ppm/°C 0603				1:	2					
	5.1K	0603WAF5101T5E Resistor	R4				1					
	5.1K	0603WAF5101T5EResistor	R5				1					
	10K	RC0603JR-0710KL Resistor, 10 KOhm, +/- 5%, 100 mW, -55 to 155 degC, 0603 (1608 Metric), RoHS, Tape and Reel	R6				1					
	1K	Resistor	R18_U_Proximity Sensors1, R18_U_Proximity Sensors2, R18_U_Proximity Sensors3, R18_U_Proximity Sensors4				4					
	3.3K	Resistor RMCF0603JT3K30	R19_U_Proximity Sensors1, R19_U_Proximity Sensors2, R19_U_Proximity Sensors3, R19_U_Proximity Sensors4				4					
	2.2K	Resistor	R20_U_Proximity Sensors1, R20_U_Proximity Sensors2, R20_U_Proximity Sensors3, R20_U_Proximity Sensors4				4					
	3 PIN	Male Header, Pitch 2.5 mm, 1 x 3 Position, Height 10.4 mm, Tail Length 3.6 mm, -20 to 95 degC , RoHS, Bulk	S1_U_Proximity Sensors1, S1_U_Proximity Sensors2, S1_U_Proximity Sensors3, S1_U_Proximity Sensors4	у			4					
	PTS526SK15SMTR2LFS	TACT 5.2 X 5.2, 1.5 MM H, 260GF,	SW1				1 ITT C&K	PTS526SK15SMTR2LFS				1
	CH340G	USB Interface Integrated Circuit	U1				1					1
	LM1117MPX-5.0	800mA Low-Dropout Linear Regulator, 4-pin SOT-223	U2, U3			:	TI National Semiconductor	LM1117MPX-5.0	End of Life			
	ATMEGA2560-16AUR	IC MCU 8BIT 256KB FLASH 100TQFP	U4				1 Microchip	ATMEGA2560-16AUR	Volume Production			1
	12MHz, 16MHz	ABM8G-12.000MHZ-18-D2Y-T Crystal 12MHz ±20ppm (Tol) ±30ppm (Stability) 18pF FUND 120Ω 4-Pin SMD T/R, ABM8G-16.000MHZ-18- D2Y-T Crystal 16MHz ±20ppm (Tol) ±30ppm (Stability) 18pF FUND 120Ω 4-Pin SMD T/R	Y1, Y2			:	2					