Community	Davis and a	E	0	In	LI-L-UN
Comment Ceramic capacitor, 100pF, X7R, ±10%, 16V, 0603, -55+125°C	Designator C1	Footprint CAP: 0603	Quantity	PartNumber CC0603KRX7R7BB104	HelpURL https://www.digikey.com/product-detail/en/yageo/CC0603KRX7R7BB104/311-1088-1-ND/302998
Ceramic capacitor, 100pr, X/R, ±10%, 10V, 0003, -55+125 C	C2, C3, C4, C5, C6, C28,	CAP: 0603	1	CCU0U3KKX/K/BB1U4	https://lcsc.com/product-detail/Multilayer-Ceramic-Capacitors-MLCC-SMD-SMT Walsin-Tech-Corp-
Ceramic capacitor, 100nF, Y5V, ±10%, 50V, 0603, -55+125°C	C29, C30, C31	CAP: 0603	٩	0603F1047250	0603F104Z250 C125841.html
Ceramic capacitor, 20pF, X7R, ±10%, 6V, 0603, -55+125°C	C7, C9	CAP: 0603	2	CC0603KRX7R7BB104	https://www.digikey.com/product-detail/en/yageo/CC0603KRX7R7BB104/311-1088-1-ND/302998
	,				https://lcsc.com/product-detail/Multilayer-Ceramic-Capacitors-MLCC-SMD-SMT_CCTC-
Ceramic capacitor, 12pF, C0G, ±5%, 50V, 0603, -55+125°C	C8, C10	CAP: 0603	2	TCC0603COG120J500CT	TCC0603COG120J500CT_C376767.html
Ceramic capacitor, 1μF, X5R, ±10%, 16V, 0603, -55+125°C	C11	CAP: 0603	1	VJ0603G105KXJCW1BC	https://datasheet.lcsc.com/szlcsc/Vishay-Intertech-VJ0603G105KXJCW1BC_C272771.pdf
Ceramic capacitor, 4.7μF, X5R, ±10%, 6.3V, 0603, -55+125°C	C12	CAP: 0603	1	GRM188R60J475KE19D	https://datasheet.lcsc.com/szlcsc/Murata-Electronics-GRM188R60J475KE19D_C71631.pdf
Ceramic capacitor, 6.8nF, X7R, ±10%, 50V, 0805, -55+125°C	C13, C14	CAP: 0805	2	CC0805KRX7R9BB682	https://www.digikey.com/product-detail/en/yageo/CC0805KRX7R7BB104/311-1142-1-ND/303052
					https://lcsc.com/product-detail/Multilayer-Ceramic-Capacitors-MLCC-SMD-SMT_Walsin-Tech-Corp-
Ceramic capacitor, 10nF, X7R, ±10%, 25V, 0603, -55+125°C	C15	CAP: 0603	1	0603B103K250	0603B103K250_C163179.html
					https://lcsc.com/product-detail/Multilayer-Ceramic-Capacitors-MLCC-SMD-
Ceramic capacitor, 18pF, COG, ±5%, 50V, 0603, -55+125°C	C16, C17	CAP: 0603	2	CL10C180JB8NNNC	SMT_SAMSUNG_CL10C180JB8NNNC_18pF-180-5-50V_C1647.html
Tantalum capacitor, 10μF, 16V, ±10%, 0.5Ohm, case B (3528), -55+125°C	C18	CAP: TANTAL-A	1	TPSB106K016R0500	https://icsc.com/product-detail/Tantalum-Capacitors_AVX_TPSB106K016R0500_10uF-106-10-16V_C124892.html
			_		https://lcsc.com/product-detail/Multilayer-Ceramic-Capacitors-MLCC-SMD-SMT_Walsin-Tech-Corp-
Ceramic capacitor, 0.1μF, Y5V, ±20%, 50V, 0603, -20+80°C	C19, C22, C24, C25, C32	CAP: 0603	5	0603F104Z250	0603F104Z250_C125841.html
Control of the 22 F VID 1400/ 401/ 0002 FF 14250	C20	CAP: 0603		0603B223K160CT	https://lcsc.com/product-detail/Multilayer-Ceramic-Capacitors-MLCC-SMD-SMT_Walsin-Tech-Corp-
Ceramic capacitor, 22nF, X7R, ±10%, 16V, 0603, -55+125°C	C20	CAP: 0603	1	0603B223K160C1	0603B223K160CT_C384784.html https://lcsc.com/product-detail/Others_Samsung-Electro-Mechanics_CL10B475KQ8NQNC_Samsung-Electro-
Ceramic capacitor, 4.7µF, X7R, ±10%, 6.3V, 0603, -55+125°C	C21	CAP: 0603	1	CL10B475KQ8NQNC	Mechanics-CL10B475KQ8NQNC C107368.html
Ceramic Capacitor, 4.7µr, X/R, ±10%, 6.5v, 0605, -55+125 C	C21	CAP: 0603	1	CL10B473KQ8NQNC	https://lcsc.com/product-detail/Multilayer-Ceramic-Capacitors-MLCC-SMD-SMT_Walsin-Tech-Corp-
Ceramic capacitor, 10nF, X7R, ±10%, 16V, 0603, -55+125°C	C23	CAP: 0603	1 1	0603B103K160	0603B103K160 C163173.html
Ceramic capacitor, 10m, 770, 21070, 104, 0003, 33123 C	C25	CAI . 0003		0003B103K100	https://lcsc.com/product-detail/Tantalum-Capacitors_KEMET_T520B107M006ATE040_100uF-107-20-6-
Tantalum capacitor, 100μF, 6.3V, ±20%, , case B (3528), -55+125°C	C26, C27	CAP: TANTAL-A	2	T520B107M006ATE040	3V C116740.html
DC/DC converter, isolator, 5V 200mA, -40+105°C, SIP-4	D1	MOD: SIP-4 (B0505S-	1	TME 0505S	https://www.tracopower.com/products/tme.pdf
IC RS485 transceiver, 16Mbps, Half-duplex, 4.55.5V, -40+85°C, 8-SOIC	D2	MAX13488EESA+T	1	MAX13488EESA+T	https://datasheet.lcsc.com/szlcsc/Maxim-Integrated-MAX13488EESA-T_C156258.pdf
ISO7321CDR	D3	ISO7321CDR	1	ISO7321CDR	https://datasheet.lcsc.com/szlcsc/Texas-Instruments-TI-ISO7321CDR_C187919.pdf
IC microcontroller, 32-Bit, Cortex-M3, 72MHz, 64KB, 20KB, 23.6V, -40+85°C, 48					
LQFP	D4	48-LQFP	1	STM32F103CBT6	https://www.digikey.com/product-detail/en/stmicroelectronics/STM32F103C8T6TR/497-17666-1-ND/7804402
IC memory, EEPROM, 64KB (8192x8), 400 kHz, I2C, 1.75.5V, -40+85°C, 8-SOIC	D5	8-SOIC	1	AT24C64N	http://ww1.microchip.com/downloads/en/devicedoc/doc0336.pdf
Linear voltage regulator, input 3.918V, 0.6V, output 3.3V, 1.2A, -40+85°C,					
SOT223	D6	SOT223	1	LDL1117S33R	https://www.digikey.com/product-detail/en/stmicroelectronics/LDL1117S33R/497-17239-1-ND/7102079
RGB led: 3528	D7	RGB Led: 3528	1		
HDC1080DMBR	IC1	HDC1080DMBR	1		
W5500	IC2	48-LQFP	1		
Filter beads, , , 0603, 1A, -55+125°C	R1, R33, R34, R35, R37	IND: 0603 RES: 0805	5	CBW160808U121T RC0805JR-07100RL	https://lcsc.com/product-detail/Ferrite-Beads-And-Chips_120R-25_C139175.html
Resistor film, 0R, ±5%, 0805, 0.125W, -55+125°C Resistor film, 120R, ±0.1%, 1206, 0.1W, -55+125°C	R1, R33, R34, R35, R37	RES: 1206	1		https://www.digikey.com/product-detail/en/yageo/RC0805JR-07100RL/311-100ARCT-ND/731185 https://datasheet.lcsc.com/szlcsc/1904031804_Uniroyal-Elec-TC0625B1200T5E_C191714.pdf
Resistor film, 120K, ±0.1%, 1206, 0.1W, -55+125°C	R3, R6, R36	RES: 0603	_	RC0603JR-07100RL	https://www.digikey.com/product-detail/en/yageo/RC0603JR-07100RL/311-100GRCT-ND/729644
Resistor film, 1k, ±5%, 0603, 0.1W, -55+125°C	R4, R20, R21	RES: 0603		RC0603JR-07100RL	https://www.digikey.com/product-detail/en/yageo/RC0603JR-07100RL/311-100GRCT-ND/729644
Resistor film, 10k, ±5%, 0603, 0.1W, -55+125°C	R5, R25, R27, R28, R29	RES: 0603	5	RC0603JR-07100RL	https://www.digikey.com/product-detail/en/yageo/RC0603JR-07100RL/311-100GRCT-ND/729644
Resistor film, 1.5k, . 0603, 0.1W, -55+125°C	R7	RES: 0603	1	RC0603JR-07100RL	https://www.digikey.com/product-detail/en/yageo/RC0603JR-07100RL/311-100GRCT-ND/729644
Resistor film, 18R, , 0603, 0.1W, -55+125°C	R8, R9	RES: 0603	2	RC0603JR-07100RL	https://www.digikey.com/product-detail/en/yageo/RC0603JR-07100RL/311-100GRCT-ND/729644
Resistor film, 1M, ±1%, 0603, 1/16W, -55+125°C	R10	RES: 0603	1	AR03FTC1004	https://lcsc.com/product-detail/Others_Viking-Tech-AR03FTC1004_C234360.html
Resistor film, 49R9, ±1%, 0603, 0.1W, -55+125°C	R11, R12, R17, R18	RES: 0603	4	ARG03FTC49R9	https://lcsc.com/product-detail/Others_Viking-Tech-ARG03FTC49R9_C218051.html
Resistor film, 0R, ±5%, 0603, 0.1W, -55+125°C	R13, R14, R15, R16	RES: 0603	4	RC0603JR-07100RL	https://www.digikey.com/product-detail/en/yageo/RC0603JR-07100RL/311-100GRCT-ND/729644
Resistor film, 10R, ±0.5%, 0603, 0.1W, -55+125°C	R19	RES: 0603	1	AR03DTDX0100	https://lcsc.com/product-detail/Others_Viking-Tech-AR03DTDX0100_C319920.html
Resistor film, 470R, ±5%, 0603, 0.1W, -55+125°C	R22, R23, R24	RES: 0603	3	RC0603JR-07100RL	https://www.digikey.com/product-detail/en/yageo/RC0603JR-07100RL/311-100GRCT-ND/729644
					https://lcsc.com/product-detail/High-Precision-Low-TCR-SMD-Resistors_Uniroyal-Elec-
Resistor film, 12.4K, ±0.1%, 0603, 1/16W, -55+125°C	R26	RES: 0603		RC0603JR-07100RL	https://lcsc.com/product-detail/High-Precision-Low-TCR-SMD-Resistors_Uniroyal-Elec- TC0325B1242T5E_C139128.html
Resistor film, 1M, ±5%, 0603, 0.1W, -55+125°C	R30	RES: 0603	1	RC0603JR-07100RL	https://lcsc.com/product-detail/High-Precision-Low-TCR-SMD-Resistors_Uniroyal-Elec- TC0325B1242T5E_C139128.html https://www.digikey.com/product-detail/en/yageo/RC0603JR-07100RL/311-100GRCT-ND/729644
			1		https://icsc.com/product-detail/High-Precision-Low-TCR-SMD-Resistors_Uniroyal-Elec-TC032581242TSE_C139128.html https://www.digjkey.com/product-detail/en/yageo/RC0603JR-07100RL/311-100GRCT-ND/729644 https://www.digjkey.com/product-detail/en/yageo/RC0805JR-07100RL/311-100ARCT-ND/731185
Resistor film, 1M, ±5%, 0603, 0.1W, -55+125°C Resistor film, 4.7κ, ±5%, 0805, 0.125W, -55+125°C	R30 R31, R32	RES: 0603 RES: 0805	1	RC0603JR-07100RL RC0805JR-07100RL	https://lcsc.com/product-detail/High-Precision-Low-TCR-SMD-Resistors_Uniroyal-Elec-TC032581242TSE_C139128.html https://www.digikey.com/product-detail/en/yageo/RC0603JR-07100RL/311-100GRCT-ND/729644 https://www.digikey.com/product-detail/en/yageo/RC0805JR-07100RL/311-100ARCT-ND/731185 https://www.digikey.com/product-detail/en/te-connectivity-alcoswitch-switches/FSM2JSMAATR/450-1792-1-
Resistor film, 1M, ±5%, 0603, 0.1W, -55+125°C Resistor film, 4.7k, ±5%, 0805, 0.125W, -55+125°C Tactile button, 6x6mm	R30 R31, R32 SB1	RES: 0603 RES: 0805 Button 3x4x2.5	1	RC0603JR-07100RL RC0805JR-07100RL FSM2JSMAATR	https://ncsc.com/product-detail/High-Precision-Low-TCR-SMD-Resistors_Uniroyal-Elec- TC0325B1242TSE_C139128.html https://www.digikey.com/product-detail/en/yageo/RC0603JR-07100RL/311-100GRCT-ND/729644 https://www.digikey.com/product-detail/en/yageo/RC0805JR-07100RL/311-100ARCT-ND/731185 https://www.digikey.com/product-detail/en/te-connectivity-alcoswitch-switches/FSM2JSMAATR/450-1792-1- ND/3503931
Resistor film, 1M, ±5%, 0603, 0.1W, -55+125°C Resistor film, 4.7k, ±5%, 0805, 0.125W, -55+125°C  Tactile button, 6x6mm Zener diode, , 12A, , , SOT-23, -55+150°C	R30 R31, R32 SB1 VD1	RES: 0603 RES: 0805 Button 3x4x2.5 SOT23	1	RC0603JR-07100RL RC0805JR-07100RL	https://lcsc.com/product-detail/High-Precision-Low-TCR-SMD-Resistors_Uniroyal-Elec-TC032581242TSE_C139128.html https://www.digikey.com/product-detail/en/yageo/RC0603JR-07100RL/311-100GRCT-ND/729644 https://www.digikey.com/product-detail/en/yageo/RC0805JR-07100RL/311-100ARCT-ND/731185 https://www.digikey.com/product-detail/en/te-connectivity-alcoswitch-switches/FSM2JSMAATR/450-1792-1-
Resistor film, 1M, ±5%, 0603, 0.1W, -55+125°C Resistor film, 4.7k, ±5%, 0805, 0.125W, -55+125°C  Tactile button, 6xmm  Zener diode, ,12A, , , SOT-23, -55+150°C  LED, *, *, *, *, -55+150°C	R30 R31, R32 SB1 VD1 VD2	RES: 0603 RES: 0805 Button 3x4x2.5 SOT23 LED: 0603B	1	RC0603JR-07100RL RC0805JR-07100RL FSM2JSMAATR SM712	https://lcsc.com/product-detail/High-Precision-Low-TCR-SMD-Resistors_Uniroyal-Elec-TC032581242TSE_C139128.html https://www.digikey.com/product-detail/en/yageo/RC0803JR-07100RL/311-100GRCT-ND/729644 https://www.digikey.com/product-detail/en/yageo/RC0805JR-07100RL/311-100ARCT-ND/731185 https://www.digikey.com/product-detail/en/te-connectivity-alcoswitch-switches/FSM2JSMAATR/450-1792-1-ND/3503931 https://datasheet.lcsc.com/szlcsc/DOWO-SM712_C293966.pdf
Resistor film, 1M, ±5%, 0603, 0.1W, -55+125°C Resistor film, 4.7k, ±5%, 0805, 0.125W, -55+125°C  Tactile button, 6x6mm Zener diode, 12A, ,, SOT-23, -55+150°C  LED, *, *, *, *, -55+150°C  Schottky diode, 40V, 3A, 0.7V, , SMA(DO-214AC), -55+150°C	R30 R31, R32 SB1 VD1 VD2 VD3	RES: 0603 RES: 0805 Button 3x4x2.5 SOT23 LED: 0603B DIODE: SMA	1 2 1 1 1 1	RC0603JR-07100RL RC0805JR-07100RL FSM2JSMAATR SM712 SS34AD	https://lcsc.com/product-detail/High-Precision-Low-TCR-SMD-Resistors_Uniroyal-Elec- TC032581242TSE_C139128.html https://www.digikey.com/product-detail/en/yageo/RC0603IR-07100RL/311-100GRCT-ND/729644 https://www.digikey.com/product-detail/en/yageo/RC0805IR-07100RL/311-100ARCT-ND/731185 https://www.digikey.com/product-detail/en/t-aconnectivity-alcoswitch-switches/FSM2JSMAATR/450-1792-1- ND/3503931 https://datasheet.lcsc.com/szlcsc/DOWO-SM712_C293966.pdf https://lcsc.com/product-detail/Schottky-Barrier-Diodes-SBD_SS34AD_C84504.html
Resistor film, 1M, ±5%, 0603, 0.1W, -55+125°C Resistor film, 4.7κ, ±5%, 0805, 0.125W, -55+125°C  Tactile button, 6x6mm Zener diode, , 12A, , , SOT-23, -55+150°C LED, *, *, *, *, *.55+150°C Schottky diode, 40V, 3A, 0.7V, , SMA(DO-214AC), -55+150°C Connector, 3pin, 9.53mm, 300VAC, 25A	R30 R31, R32 SB1 VD1 VD2 VD3 X1	RES: 0603 RES: 0805 Button 3x4x2.5 SOT23 LED: 0603B DIODE: SMA XK2EDGK-5.08-03	1 2 1 1 1 1 1	RC0603JR-07100RL RC0805JR-07100RL FSM2JSMAATR SM712 SS34AD 6PCV-03-006	https://lcsc.com/product-detail/High-Precision-Low-TCR-SMD-Resistors_Uniroyal-Elec- TC032581242TSE_C139128.html https://www.digikey.com/product-detail/en/yageo/RC0603JR-07100RL/311-100GRCT-ND/729644 https://www.digikey.com/product-detail/en/yageo/RC0805JR-07100RL/311-100ARCT-ND/731185 https://www.digikey.com/product-detail/en/te-connectivity-alcoswitch-switches/FSM2JSMAATR/450-1792-1- ND/3503931 https://datasheet.lcsc.com/szlcsc/DOWO-SM712_C293966.pdf  https://csc.com/product-detail/Schottky-Barrier-Diodes-SBD_SS34AD_C84504.html https://www.digikey.com/products/en²keywords-SPCV-03-006
Resistor film, 1M, ±5%, 0603, 0.1W, -55+125°C Resistor film, 4.7k, ±5%, 0805, 0.125W, -55+125°C  Tactile button, 6x6mm Zener diode, ,12A, , , SOT-23, -55+150°C LED, *, *, *, *, -55+150°C Schottky diode, 40V, 3A, 0.7V, , SMA(DO-214AC), -55+150°C Connector, 3pin, 9.53mm, 300VAC, 25A Connector, 4pin, 9.53mm, 300VAC, 25A	R30 R31, R32 SB1 VD1 VD2 VD3 X1 X2, X3, X8, X9, X10, X12	RES: 0603 RES: 0805 Button 3x4x2.5 SOT23 LED: 0603B DIODE: SMA XKZEDGK-5.08-03 JST_125_04	1 2 1 1 1 1 1 1 6	RC0603JR-07100RL RC0805JR-07100RL FSM2JSMAATR SM712 SS34AD 6PCV-03-006 6PCV-04-006	https://icsc.com/product-detail/High-Precision-Low-TCR-SMD-Resistors_Uniroyal-Elec-TC032581242TSE_C139128.html https://www.digikey.com/product-detail/en/yageo/RC0803JR-07100RL/311-100GRCT-ND/729644 https://www.digikey.com/product-detail/en/yageo/RC0805JR-07100RL/311-100ARCT-ND/731185 https://www.digikey.com/product-detail/en/te-connectivity-alcoswitch-switches/FSM2JSMAATR/450-1792-1-ND/3503931 https://datasheet.icsc.com/szicsc/DOWO-SM712_C293966.pdf https://icsc.com/product-detail/Schottky-Barrier-Diodes-SBD_SS34AD_C84504.html https://www.digikey.com/products/en?keywords-6PCV-03-006 https://www.digikey.com/products/en?keywords-6PCV-03-006
Resistor film, 1M, ±5%, 0603, 0.1W, -55+125°C Resistor film, 4.7κ, ±5%, 0805, 0.125W, -55+125°C  Tactile button, 6x6mm Zener diode, , 12A, , , SOT-23, -55+150°C LED, *, *, *, *, -55+150°C Schottky diode, 40V, 3A, 0.7V, , SMA(DO-214AC), -55+150°C Connector, 3pin, 9.53mm, 300VAC, 25A	R30 R31, R32 SB1 VD1 VD2 VD3 X1	RES: 0603 RES: 0805 Button 3x4x2.5 SOT23 LED: 0603B DIODE: SMA XK2EDGK-5.08-03	1 2 1 1 1 1 1 1 6	RC0603JR-07100RL RC0805JR-07100RL FSM2JSMAATR SM712 SS34AD 6PCV-03-006	https://lcsc.com/product-detail/High-Precision-Low-TCR-SMD-Resistors_Uniroyal-Elec- TC032581242TSE_C139128.html https://www.digikey.com/product-detail/en/yageo/RC0603IR-07100RL/311-100GRCT-ND/729644 https://www.digikey.com/product-detail/en/yageo/RC0805IR-07100RL/311-100ARCT-ND/731185 https://www.digikey.com/product-detail/en/t-aconnectivity-alcoswitch-switches/FSM2ISMAATR/450-1792-1- ND/3503931 https://datasheet.lcsc.com/szlcsc/DOWO-SM712_C293966.pdf https://lcsc.com/product-detail/Schottky-Barrier-Diodes-SBD_SS34AD_C84504.html https://www.digikey.com/products/en7keywords-6PCV-03-006 https://www.digikey.com/products/en7keywords-6PCV-03-006 https://www.chipdip.ru/product/pls-2
Resistor film, 1M, ±5%, 0603, 0.1W, -55+125°C Resistor film, 4.7k, ±5%, 0805, 0.125W, -55+125°C  Tactile button, 6x6mm  Zener diode, 12A,,, SOT-23, -55+150°C  LED, *, *, *, *, -5+150°C  Schottky diode, 40V, 3A, 0.7V,, SMA(DO-214AC), -55+150°C  Connector, 3pin, 9.53mm, 300VAC, 25A  Connector, 4pin, 9.53mm, 300VAC, 25A  Connector, 2pin, 2.54mm, 500VAC, 3A	R30 R31, R32 S81 VD1 VD2 VD3 X1 X2, X3, X8, X9, X10, X12 X4	RES: 0603 RES: 0805 Button 3x4x2.5 SOT23 LED: 0603B DIODE: SMA XK2EDGK-5.08-03 JST_125_04 JST_125_02	1 2 1 1 1 1 1 1 6	RC0603JR-07100RL RC0805JR-07100RL FSM2JSMAATR SM712 SS34AD 6PCV-03-006 6PCV-04-006 PLS-2	https://lcsc.com/product-detail/High-Precision-Low-TCR-SMD-Resistors_Uniroyal-Elec- TC03258124275E_C139128.html https://www.digikey.com/product-detail/en/yageo/RC0603JR-07100RL/311-100GRCT-ND/729644 https://www.digikey.com/product-detail/en/yageo/RC0805JR-07100RL/311-100ARCT-ND/731185 https://www.digikey.com/product-detail/en/te-connectivity-alcoswitch-switches/FSM2JSMAATR/450-1792-1- ND/3503931 https://datasheet.lcsc.com/szlcsc/DOWO-SM712_C293966.pdf  https://lcsc.com/product-detail/Schottky-Barrier-Diodes-SBD_SS34AD_C84504.html https://www.digikey.com/products/en7keywords-6PCV-03-006 https://www.digikey.com/products/en7keywords-6PCV-03-006 https://www.digikey.com/products/en7keywords-6PCV-03-006 https://www.chipdip.ru/product/pls-2 https://www.chipdip.ru/product/pls-2 https://scc.com/product-detail/USB-Connectors_Jing-Extension-of-the-Electronic-Co-Jing-Extension-of-the-Electroni
Resistor film, 1M, ±5%, 0603, 0.1W, -55+125°C Resistor film, 4.7k, ±5%, 0805, 0.125W, -55+125°C  Tactile button, 6x6mm Zener diode, 1,2A,, SOT-23, -55+150°C LED, *, *, *, *, *, *, *, *, *, *, *, *, *,	R30 R31, R32 S81 V01 V02 V03 X1 X1 X2, X3, X8, X9, X10, X12 X4	RES: 0603 RES: 0805 Button 3x4x2.5 SOT23 LED: 0603B DIODE: SMA XK2EDGK-5.08-03 JST_125_04 JST_125_02 microUsb	1 2 1 1 1 1 1 6 1	RC0603JR-07100RL RC0805JR-07100RL FSM2JSMAATR SM712 SS34AD 6PCV-03-006 6PCV-04-006 PLS-2 C40943	https://icsc.com/product-detail/High-Precision-Low-TCR-SMD-Resistors_Uniroyal-Elec- TC032581242TSE_C139128.html https://www.digjkey.com/product-detail/en/yageo/RC0803JR-07100RL/311-100GRCT-ND/729644 https://www.digjkey.com/product-detail/en/yageo/RC0805JR-07100RL/311-100ARCT-ND/731185 https://www.digjkey.com/product-detail/en/te-connectivity-alcoswitch-switches/FSM2JSMAATR/450-1792-1- ND/3503931 https://datasheet.icsc.com/szlcsc/DOWO-SM712_C293966.pdf https://icsc.com/product-detail/Schottky-Barrier-Diodes-SBD_S534AD_C84504.html https://www.digjkey.com/products/en7keywords=6PCV-03-006 https://www.digjkey.com/products/en7keywords=6PCV-03-006 https://www.digjkey.com/products/en7keywords=6PCV-03-006 https://www.chipdip.ru/product/pls-2 https://losc.com/product-detail/USB-Connectors_Jing-Extension-of-the-Electronic-Co-Jing-Extension-of-the-Electronic-Co-micro-SPFour-legged-board7-2Therei-3-a-column-card-point0-4m_C40943.html
Resistor film, 1M, ±5%, 0603, 0.1W, -55+125°C Resistor film, 4.7k, ±5%, 0805, 0.125W, -55+125°C  Tactile button, 6x6mm Zener diode, 12A, ,, SOT-23, -55+150°C LED, *, *, *, *, *, 55+150°C Schottky diode, 40V, 3A, 0.7V, , SMA(DO-214AC), -55+150°C Connector, 3pin, 9.53mm, 300VAC, 25A Connector, 4pin, 9.53mm, 300VAC, 25A Connector, 2pin, 2.54mm, 500VAC, 3A  USB micro B  B Connector, 3pin, 9.53mm, 300VAC, 25A	R30 R31, R32 S81 VD1 VD2 VD3 X1 X2, X3, X8, X9, X10, X12 X4 X5 X6, X11	RES: 0603 RES: 0805 Button 3x4x2.5 SOT23 LED: 0603B DIODE: SMA XX2EDGK-5.08-03 JST, 125_04 JST, 125_02 microUsb JST, 125_03	1 2 2 1 1 1 1 1 6 6 1	RC0603JR-07100RL RC0805JR-07100RL FSM2JSMAATR SM712 SS34AD 6PCV-03-006 6PCV-04-006 PLS-2 C40943 6PCV-03-006	https://lcsc.com/product-detail/High-Precision-Low-TCR-SMD-Resistors_Uniroyal-Elec- TC03258124275E_C139128.html https://www.digikey.com/product-detail/en/yageo/RC0603JR-07100RL/311-100GRCT-ND/729644 https://www.digikey.com/product-detail/en/yageo/RC0805JR-07100RL/311-100ARCT-ND/731185 https://www.digikey.com/product-detail/en/te-connectivity-alcoswitch-switches/FSM2JSMAATR/450-1792-1- ND/3503931 https://datasheet.lcsc.com/szlcsc/DOWO-SM712_C293966.pdf  https://lcsc.com/product-detail/Schottky-Barrier-Diodes-SBD_SS34AD_C84504.html https://www.digikey.com/products/en7keywords-6PCV-03-006 https://www.digikey.com/products/en7keywords-6PCV-03-006 https://www.digikey.com/products/en7keywords-6PCV-03-006 https://www.chipdip.ru/product/pls-2 https://www.chipdip.ru/product/pls-2 https://scc.com/product-detail/USB-Connectors_Jing-Extension-of-the-Electronic-Co-Jing-Extension-of-the-Electroni
Resistor film, 1M, ±5%, 0603, 0.1W, -55+125°C Resistor film, 4.7k, ±5%, 0805, 0.125W, -55+125°C  Tactile button, 6x6mm  Zener diode, 1,2A, ,, SOT-23, -55+150°C  LED, *, *, *, -55+150°C  Schottky diode, 40V, 3A, 0.7V, , SMA(DO-214AC), -55+150°C  Connector, 3pin, 9.53mm, 300VAC, 25A  Connector, 4pin, 9.53mm, 300VAC, 25A  Connector, 2pin, 2.54mm, 500VAC, 3A  USB micro B  Connector, 3pin, 9.53mm, 300VAC, 25A  Etherner RI-45 connector	R30 R31, R32 S81 V01 V02 V03 X1 X1 X2, X3, X8, X9, X10, X12 X4	RES: 0603 RES: 0805  Button 3x4x2.5  SOT23  LED: 0603B  DIODE: SMA  XX2EDGK-5.08-03  JST_125_04  JST_125_02  microUsb  JST_125_03  CON: HR911105A	1 2 2 1 1 1 1 1 6 6 1	RC0603JR-07100RL RC0805JR-07100RL FSM2JSMAATR SM712 SS34AD 6PCV-03-006 6PCV-04-006 PLS-2 C40943 6PCV-03-006 HR911105A	https://lcsc.com/product-detail/High-Precision-Low-TCR-SMD-Resistors_Uniroyal-Elec-TC03258124275E_C139128.html https://www.digikey.com/product-detail/en/yageo/RC0603JR-07100RL/311-100GRCT-ND/729644 https://www.digikey.com/product-detail/en/yageo/RC0805JR-07100RL/311-100ARCT-ND/731185 https://www.digikey.com/product-detail/en/te-connectivity-alcoswitch-switches/FSM2JSMAATR/450-1792-1-ND/3503931 https://datasheet.lcsc.com/szlcsc/DOWO-SM712_C293966.pdf  https://lcsc.com/product-detail/Schottky-Barrier-Diodes-SBD_S334AD_C84504.html https://www.digikey.com/products/en?keywords-6PCV-03-006 https://www.digikey.com/products/en?keywords-6PCV-03-006 https://www.chipdip.ru/product/pls-2 https://www.chipdip.ru/product/pls-2 https://scc.com/product-detail/USB-Connectors_Jing-Extension-of-the-Electronic-Co-Jing-Extension-of-the-Electronic-Co-micro-SPFour-legged-board7-2There-is-a-column-card-point0-dm_C40943.html
Resistor film, 1M, ±5%, 0603, 0.1W, -55+125°C Resistor film, 4.7k, ±5%, 0805, 0.125W, -55+125°C  Tactile button, 6x6mm  Zener diode, ,12A, _, SOT-23, -55+150°C  LED, *, *, *, *, -55+150°C  Schottky diode, 40V, 3A, 0.7V, _SMA[DO-214AC], -55+150°C  Connector, 3pin, 9.53mm, 300VAC, 25A  Connector, 4pin, 9.53mm, 300VAC, 25A  Connector, 2pin, 2.54mm, 500VAC, 3A  USB micro B  Connector, 3pin, 9.53mm, 300VAC, 25A  Etherner RJ-45 connector  Crystal, 8MHz, 20pF, ±10ppm, case 3225, -40+85°C	R30 R31, R32 S81 VD1 VD2 VD3 X1 X2, X3, X8, X9, X10, X12 X4 X5 X6, X11 X7	RES: 0603 RES: 0805 Button 3x4x2.5 SOT23 LED: 06038 DIODE: SMA XK2EDGK-5.08-03 JST_125_04 JST_125_02 microUsb JST_125_03 OSC: 3225	1 2 2 1 1 1 1 1 6 6 1	RC0603JR-07100RL RC0805JR-07100RL FSM2JSMAATR SM712 SS34AD 6PCV-03-006 6PCV-04-006 PLS-2 C40943 6PCV-03-006 6PCV-03-006 SMD-3225-4P	https://lcsc.com/product-detail/High-Precision-Low-TCR-SMD-Resistors_Uniroyal-Elec- TC0325B1242T5E_C139128.html https://www.digikey.com/product-detail/en/yageo/RC0603JR-07100RL/311-100GRCT-ND/729644 https://www.digikey.com/product-detail/en/yageo/RC0805JR-07100RL/311-100ARCT-ND/729644 https://www.digikey.com/product-detail/en/yageo/RC0805JR-07100RL/311-100ARCT-ND/731185 https://www.digikey.com/product-detail/en/te-connectivity-alcoswitch-switches/F5M2JSMAATR/450-1792-1- ND/JS03931 https://datasheet.lcsc.com/szlcsc/DOWO-SM712_C293966.pdf  https://www.digikey.com/products/en7keywords-6PCV-03-006 https://www.digikey.com/products/en7keywords-6PCV-03-006 https://www.chipdip.ru/product/pls-2 https://www.chipdip.ru/product/pls-2 https://www.chipdip.ru/product-detail/JSb-Connectors_Jing-Extension-of-the-Electronic-Co-inicro-SPFour-legged-board-7-2Therei-s-a-column-card-point0-4m_C40943.html https://www.digikey.com/products/en7keywords-6PCV-03-006 https://www.digikey.com/products/en7keywords-6PCV-03-006 https://www.digikey.com/products/en7keywords-6PCV-03-006
Resistor film, 1M, ±5%, 0603, 0.1W, -55+125°C Resistor film, 4.7k, ±5%, 0805, 0.125W, -55+125°C  Tactile button, 6x6mm  Zener diode, 1,2A, ,, SOT-23, -55+150°C  LED, *, *, *, -55+150°C  Schottky diode, 40V, 3A, 0.7V, , SMA(DO-214AC), -55+150°C  Connector, 3pin, 9.53mm, 300VAC, 25A  Connector, 4pin, 9.53mm, 300VAC, 25A  Connector, 2pin, 2.54mm, 500VAC, 3A  USB micro B  Connector, 3pin, 9.53mm, 300VAC, 25A  Etherner RI-45 connector	R30 R31, R32 S81 VD1 VD2 VD3 X1 X1 X2, X3, X8, X9, X10, X12 X4 X5 X6, X11 X7 Z1	RES: 0603 RES: 0805  Button 3x4x2.5  SOT23  LED: 0603B  DIODE: SMA  XX2EDGK-5.08-03  JST_125_04  JST_125_02  microUsb  JST_125_03  CON: HR911105A	1 2 1 1 1 1 1 6 6 1 1 2 2 1 1 1 1 1 1 1	RC0603JR-07100RL RC0805JR-07100RL FSM2JSMAATR SM712 SS34AD 6PCV-03-006 6PCV-04-006 PLS-2 C40943 6PCV-03-006 HR911105A	https://lcsc.com/product-detail/High-Precision-Low-TCR-SMD-Resistors_Uniroyal-Elec- TC03258124275E_C139128.html https://www.digikey.com/product-detail/en/yageo/RC0603JR-07100RL/311-100GRCT-ND/729644 https://www.digikey.com/product-detail/en/yageo/RC0805JR-07100RL/311-100ARCT-ND/729644 https://www.digikey.com/product-detail/en/te-connectivity-alcoswitch-switches/FSM2JSMAATR/450-1792-1- ND/3503931 https://datasheet.lcsc.com/szlcsc/DOWO-SM712_C293966.pdf  https://lcsc.com/product-detail/Schottky-Barrier-Diodes-SBD_S534AD_C84504.html https://www.digikey.com/products/en?keywords=6PCV-03-006 https://www.digikey.com/products/en?keywords=6PCV-03-006 https://www.chipdip.ru/product/pls-2 https://www.chipdip.ru/product/pls-2 https://www.chipdip.ru/product-detail/USB-Connectors_Jing-Extension-of-the-Electronic-Co-Jing-Extension-of-the-Electronic-Co-micro-SPFour-legged-board7-2There-is-a-column-card-point0-dm_C40943.html https://www.digikey.com/products/en?keywords=6PCV-03-006