

Comment	Description	Designator	Footprint	LibRef	Quantity
	100nF	[NoValue], Capacitor C1, C2, C3, C4, C6, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54, C55, C56, C57, C58, C59, C60, C61, C62, C63, C64, C65, C66, C67, C68, C69, C70, C71, C72, C73, C74, C75, C81	Cap_0805	C, Cap	71
	10uF	Capacitor C5, C77	Cap_0805	Cap	2
	10nF	Capacitor C7	6-0805_L	Cap	1
	47uF	Capacitor C8, C9	6-0805_L	Cap	2
	10nF	Capacitor C10	Cap_0805	Cap	1
	0.1uF	Capacitor C76	Cap_0805	Cap	1
	1uF	C78, C79, C80	Cap_0805	C	3
	BAT54HT1G	Schottky Barrier Diode, 2-Pin SOD- 323, Pb-Free, Tape and Reel D1, D2, D3, D4, D5, D6, D7, D8	ONSC-SOD-323-2- 477-02_V	CMP-1055-00462- 1	8
	694106301002	J1	694106301002	CMP-1502-00188- 2	1
	1729128	PCB Terminal Block, 13.5 A, 400 V, 2-Pin THD, RoHS, Bulk J2	PHOE-1729128- 2_V	CMP-2000-05815- 1	1
	742792133	SMD EMI Suppression Ferrite Bead WE- CBF, Z = 600 Ohm L1	SMD-1206	CMP-0220-00010- 1	1
	Plug	Plug P1, P6	PIN1	Plug	2
	Header 3X2	Header, 3-Pin, Dual row P2	HDR2X3	Header 3X2	1
	Header 4	Header, 4-Pin P3	HDR1X4	Header 4	1
	Header 2	Header, 2-Pin P4, P9	HDR1X2	Header 2	2
	Header 3	Header, 3-Pin P5, P7	HDR1X3	Header 3	2
	Header 5	Header, 5-Pin P8	HDR1X5	Header 5	1
	BSS138LT1G	Power MOSFET, 200 mA, 50 V, N- Channel, 3-Pin SOT-23, Pb-Free, Tape and Reel Q1, Q2, Q3, Q4, Q5, Q6, Q7, Q8	ONSC-SOT-23-3- 318-08_V	CMP-1058-00767- 1	8
	430R	Res 0805 R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16 R17, R18, R19	RES_0805	Res2	16
	10k	Res 0805, Resistor R20, R21, R22, R23, R24, R31, R35, R36	RES_0805	Res2	11
	5k1	Res 0805 R25, R26, R27, R28	RES_0805	Res2	4
	27R	Res 0805 R29, R30	RES_0805	Res2	2
	15k	Res 0805 R32	RES_0805	Res2	1
	47k	Res 0805 R33	RES_0805	Res2	1
	OR	Res 0805 R34	RES_0805	Res2	1
	reed	SW1, SW2, SW3, SW4, SW5, SW6, SW7, SW8, SW9, SW10, SW11, SW12, SW13, SW14, SW15, SW16, SW17, SW18, SW19, SW20, SW21, SW22, SW23, SW24, SW25, SW26, SW27, SW28, SW29, SW30, SW31, SW32, SW33, SW34, SW35, SW36, SW37, SW38, SW39, SW40, SW41, SW42, SW43, SW44, SW45, SW46, SW47, SW48, SW49, SW50, SW51, SW52, SW53, SW54, SW55, SW56, SW57, SW58, SW59	reed	reed	64
	PT5526SK15SMTR ZLFS	TACT 5.2 X 5.2, 1.5 MM H, 260GF, SW65	FP- PT5526SK15SMTR ZLFS-MFG	CMP-10040- 000013-1	1
	3v3	Test Point, 1 Position SMD, RoHS, Tape and Reel TP1	KSTN-5019_V	CMP-1672-00008- 1	1
	Vin	Test Point, 1 Position SMD, RoHS, Tape and Reel TP2	KSTN-5019_V	CMP-1672-00008- 1	1
	CD74HC238PWR	IC DECODER/DEMUX 1X3:8 16TSSOP U1, U3	FP-PW0016A- IPC_A	CMP-1633-00899- 3	2
	SN74HC251DR	Data Selectors/Multiplexers With 3- State Outputs, 00016A, LARGE T&R U2	D0016A_L	CMP-1633-00067- 2	1
	LD1117533CTR	IC REG LINEAR 3.3V 800MA SOT223 U4	FP-SOT-223- 0046067_14-MFG	CMP-0244-00307- 2	1
	FT232RL-U	USB to Full- Handshake UART Interface Chip, UHCI/OHCI/EHCI Compatible, USB 2.0 Compatible, - 40 to +85 degC, 20- Pin SSOP, Pb- Free, Tube U5	SSOP-20_M	CMP-0248-00015- 2	1
	1655	Intelligent Control LED Integrated Light Source, 3.5 to 5.3 V, -25 to 80 degC, 4-Pin SMD, RoHS, Tape and Reel U6, U7, U8, U9, U10, U11, U12, U13, U14, U15, U16, U17, U18, U19, U20, U21, U22, U23, U24, U25, U26, U27, U28, U29, U30, U31, U32, U33, U34, U35, U36, U37, U38, U39, U40, U41, U42, U43, U44, U45, U46, U47, U48, U49, U50, U51, U52, U53, U54, U55, U56, U57, U58, U59, U60, U61, U62, U63, U64, U65, U66, U67, U68, U69	ADA-RGB-1655_V	CMP-2000-05026- 1	64
	STM32G030F6P6	ARM MICROCONTROLLERS - MCU U70	FP-TSSOP20-YA- MFG	CMP-12105- 000034-1	1
	Jumper	Jumper Wire W1, W2, W3, W4, W5, W6, W7, W8	JUMPER	Jumper	8
	USB4105-GF-A	USB4105-GF-A USB connector X1	GCT_USB4105-GF- A	USB-C Type 2.0	1