

Comment	Description	Designator	Footprint	LibRef	Quantity	Pins	UniqueIdName
3.3pF	Capacitor	C1	CAP FILM 1206	Cap		1	2 ADRFFYHA
470uF	Polarized Capacitor (Surface Mount)	C2	CAP 470,220uF ALSMD ELEC 10MM H10.5MM	Cap Pol		1	2 ELFWKNXY
220uF	Polarized Capacitor (Surface Mount)	C3	CAP 470,220uF ALSMD ELEC 10MM H10.5MM	Cap Pol		1	2 GXLNDQZJ
SK36	Diode Schottky 60V 3A Surface Mount DO- 214AC (SMA)	D1	DIOSC6959X240	SK36		1	2 BXWSPPTT
Phoenix MKDS 2Pin	CONN, PHOENIX MKDS 5.08mm pitch	J1	TE 282834-2	Phoenix MKDS 2Pin		1	2 MXGWHAPK
68uH	SMT Inductor	L1	WURTH WE-PD 1260	Bobin126068uH		1	2 NPTUHLQA
ST7920		LCD1	LCD 128X64 CONTROLLER ST7920	ST7920		1	21 VPREEVWF
LED		LED1, LED2, LED3	LED 0805	LED		3	2 UAFKZLPW, OYTNUK3KM, BEONVQPU
10K		P1	VOL RA	Vol RA		1	3 WKOSPRKW
Header 2x6		PMOD1	HDRR_M_2X6	Header 2x6		1	12 HBBEOHDA
3.3K	SMT Resistor	R1	RES 0805_2012	Res 0805		1	2 EYBBSALM
4.7K	SMT Resistor	R2, R3	RES 0805_2012	Res 0805		2	2 FPALRB JV, YERUHHUN
1K	SMT Resistor	R4	RES 0805_2012	Res 0805		1	2 GATSPDHC
10K	SMT Resistor	R5, R6, R7, R10	RES 0805_2012	Res 0805		4	2 ARBCKZPN, GHZXRTRK, WVDMOTAF, NGUYDILQ
330	SMT Resistor	R8, R9, R11	RES 0805_2012	Res 0805		3	2 YZNXZVB, KOMFSLEL, SGWGXNTV
VS-1213-67-160GF	Flat Type PCB Mount 12 x 12mm Tact Switches	S1, S2, S3	SW_VS-1213-67-160GF	VS-1213-67-160GF		3	4 DFNHKBIR, TYPZSYWW, JRHECWFD
DHT11	Humidity, Temperature Digital Â±5% RH Through Hole	SENS-1	SENSOR-DHT11	DHT11		1	4 PSUBQAPA
Tactile 4PIN 6X6mm H5mm (THD)	Tactile Switch SPST- NO Top Actuated Surface Mount	SW1	SWPBT_SPDT_6X6X5TS	Tactile 4PIN 6X6mm H5mm (THD)		1	4 LLNFJVMZ
GY-521		U1	GY-521	GY-521		1	9 IINZLOXS
RASPBERRY_PI_PICO	Raspberry Pi Board, Arm Cortex-M0+; Core Architecture:Arm; Core Sub- Architecture:Cortex- M0+; Kit Contents:Raspberry Pi Pico Board; No. Of Bits:32Bit; Silicon Core Number:Rp2040; Silicon Manufacturer:Raspberr y Pi Raspberry-Pi RASPBERRY PI PICO	U2	RASPBERRY_PI_PICO	RASPBERRY_PI_PICO		1	40 VPGHEEU
Arduino UNO R3		U4	ARDUINO UNO R3 FOOTPRINT	Arduino UNO R3		1	32 KENWLDYV
LM2596S-5.0	SIMPLE SWITCHER® 4.5V to 40V, 3A Low Component Count Step- Down Regulator	VR1	TO170P1524X483-6N	LM2596S-5.0		1	6 DCHFLDTE