

Reference	Value	Datasheet Footprint	Qty
A1	RaspberryPi-Pico	<a href="https://datasheets.raspberrypi.com/pico/pico-datasheet.pdf">https://datasheets.raspberrypi.com/pico/pico-datasheet.pdf</a> MCU_RaspberryPi_and_Boards:R	1
C1,C8	100µ	~ Capacitor_SMD:CP_Elec_6.3x5.8	2
C2,C3,C4,C5,C6,C7,C10,C14,C15	100n	~ -- verschiedene Werte --	9
C9	47µ	~ Capacitor_SMD:CP_Elec_6.3x5.3	1
C11,C20	560pF	~ Capacitor_SMD:C_0805_2012Met	2
C12	3,9nF	~ Capacitor_SMD:C_0805_2012Met	1
C13	68nF	~ Capacitor_SMD:C_0805_2012Met	1
C16	3,3nF	~ Capacitor_SMD:C_0805_2012Met	1
C17,C18	4,7µ	~ Capacitor_Tantalum_SMD:CP_Elec_6.3x5.8	2
C19	10n	~ Capacitor_SMD:C_0805_2012Met	1
C21,C23	10µ	~ Capacitor_SMD:CP_Elec_4x5.7	2
C22	82nF	~ Capacitor_SMD:C_0805_2012Met	1
C24	220n	~ Capacitor_SMD:C_1206_3216Met	1
D1	LED LFO2	~ LED_THT:LED_D3.0mm	1
D2	LED LFO1	~ LED_THT:LED_D3.0mm	1
D3	LED Shift1	~ LED_THT:LED_D3.0mm	1
D4	LED Fire1	~ LED_THT:LED_D3.0mm	1
D5	LED Fire2	~ LED_THT:LED_D3.0mm	1
D6	LED Fire3	~ LED_THT:LED_D3.0mm	1
D7	LED Fire4	~ LED_THT:LED_D3.0mm	1
D8	LED_WF_Squ	~ LED_THT:LED_D3.0mm	1
D9	LED Shift2	~ LED_THT:LED_D3.0mm	1
D10	LED_WF_Tri	~ LED_THT:LED_D3.0mm	1
D11	LED_WF_Saw	~ LED_THT:LED_D3.0mm	1
D20	SK110	~ Diode_SMD:D_SMA-SMB_Univers	1
J1	AudioJack3_Ground	~ Audiosockets:Jack_3.5mm_Ledinc	1
J2	Power Jack	~ Connector_BarrelJack:BarrelJack_	1
R2,R3,R7,R8,R9,R10,R11,R12,R16,R17,R18	680	~ Resistor_SMD:R_1206_3216Metri	11
R4,R5,R6	1k	~ Resistor_SMD:R_1206_3216Metri	3
R19,R27	4,7k	~ Resistor_SMD:R_1206_3216Metri	2
R20,R21,R26,R28,R29,R30,RV1,RV2,RV3	10k	~ -- verschiedene Werte --	9
R22,R25	15k	~ Resistor_SMD:R_1206_3216Metri	2
R23,RV4,RV5	100k	~ -- verschiedene Werte --	3
R24	5,6k	~ Resistor_SMD:R_1206_3216Metri	1
RV6	50k	~ poti_alps:Potentiometer_Alps_RK0	1
SW1	LFO1/2	~ Button_Switch_THT:SW_PUSH_6	1
SW2	Select LFO WaveForr	~ Button_Switch_THT:SW_PUSH_6	1
SW3	Fire4	~ Button_Switch_THT:SW_PUSH_6	1
SW4	Fire3	~ Button_Switch_THT:SW_PUSH_6	1
SW5	Fire2	~ Button_Switch_THT:SW_PUSH_6	1
SW6	Fire1	~ Button_Switch_THT:SW_PUSH_6	1
SW7	Shift2/Save	~ Button_Switch_THT:SW_PUSH_6	1
SW8	Shift1 / Select Bank	~ Button_Switch_THT:SW_PUSH_6	1
U2	PT2399	Package_DIP:DIP-16_W7.62mm_	1
U3	L7805	<a href="http://www.st.com/resource/technical_document/AN4146.pdf">http://www.st.com/resource/technical_document/AN4146.pdf</a> Package_TO_SOT_SMD:TO-252-	1
Netzteil 12V 0,5A			1
PCB			1
Adapter Klinke 3,5mm-6,3mm			10

DNP	Reichelt	EK	EK Summe	
	RASP PI PICO H	5,46	5,46	
	FT-V 100U 16	0,24	0,48	
		0,02	0,18	
	ELN RVS-16V470MU	0,10	0,10	
		0,02	0,04	
		0,02	0,02	
		0,02	0,02	
		0,02	0,02	
	KEM X5R0805 4,7U	0,10	0,20	
		0,02	0,02	
	SMD ELKO 10/16	0,04	0,08	
		0,02	0,02	
		0,02	0,02	
	3004Y1D-EHC-B	0,08	0,08	gelb
	3004Y1D-EHC-B	0,08	0,08	gelb
	3004Y1D-EHC-B	0,08	0,08	gelb
	3034B2D-EHD-A	0,08	0,08	blau
	3034B2D-EHD-A	0,08	0,08	blau
	3034B2D-EHD-A	0,08	0,08	blau
	3034B2D-EHD-A	0,08	0,08	blau
	3004G6D-EHB-S	0,08	0,08	grün
	3004R2D-EPC-S	0,15	0,15	rot
	3004G6D-EHB-S	0,08	0,08	grün
	3004G6D-EHB-S	0,08	0,08	grün
		0,02	0,02	
	EBS 35	0,36	0,36	
	CLIFF FCR681465	1,10	1,10	
		0,02	0,22	
		0,02	0,06	
		0,02	0,04	
	RK09K113-LIN10K	0,99	8,91	
		0,02	0,04	
	RK09K113-LIN100K	0,99	2,97	
		0,02	0,02	
	RK09K113-LIN50K	0,99	0,99	
	OMR B3F-1002	0,29	0,29	
	OMR B3F-1002	0,29	0,29	
	RAFI 100.502	1,15	1,15	
	RAFI 100.502	1,15	1,15	
	RAFI 100.502	1,15	1,15	
	RAFI 100.502	1,15	1,15	
	OMR B3F-1002	0,29	0,29	
	OMR B3F-1002	0,29	0,29	
		4,00	4,00	CHINA
	L78M05CDT STM	0,21	0,21	
	EA1005BHES1201 oder			
	YS6V-1200500E	7,00	7,00	
		10,00	10,00	
		2,00	20,00	
				incl. MWST
	<b>SUMME</b>		<b>69,31</b>	<b>82,4789</b>