

Reference,Value,Datasheet,Footprint,Qty,DNP,Description

C1,C2,C3,C4,C5,C6,C7,C8,C9,C11,C15,C16,C17,C18,C25,C26,100n,-- valeurs mixtes --,Capacitor_SMD:C_0402_1005Metric,16,,-- valeurs mixtes --
C10,100n/50V,https://jlcpcb.com/partdetail/Yageo-CC0603KRX7R9BB104/C14663,Capacitor_SMD:C_0603_1608Metric,1,,50V 100nF X7R $\pm 10\%$ 0603 Multilay
C12,C13,2.2u,https://jlcpcb.com/partdetail/24366-CL10A225KO8NNNC/C23630,-- valeurs mixtes --,2,,16V 2.2uF X5R $\pm 10\%$ 0603 Multilayer Ceramic Capac
C14,C19,33p,https://jlcpcb.com/partdetail/1914-0402CG330J500NT/C1562,Capacitor_SMD:C_0402_1005Metric,2,,50V 33pF C0G $\pm 5\%$ 0402 Multilayer Ceram
C20,C21,C22,4.7uF,https://jlcpcb.com/partdetail/20375-CL10A475KO8NNNC/C19666,Capacitor_SMD:C_0603_1608Metric,3,,16V 4.7uF X5R $\pm 10\%$ 0603 Multi
C23,C24,C27,C28,1uF,https://jlcpcb.com/partdetail/29074-CL21B105KBFNNNE/C28323,Capacitor_SMD:C_0805_2012Metric,4,,-- valeurs mixtes --
F1,500mA,https://jlcpcb.com/partdetail/Littelfuse-0466500NRHF/C151133,Fuse:Fuse_1206_3216Metric,1,,50A SMD Fuse 500mA 63V 63V 1206 Fuses
H1,H2,H3,H4,MountingHole,~,MountingHole:MountingHole_3.2mm_M3,4,,
J1,USB_C_Receptacle_USB2.0_16P,https://www.usb.org/sites/default/files/documents/usb_type-c.zip,Connector_USB:USB_C_Receptacle_GCT_USB4110,1,,US
J2,Conn_02x14_Odd_Even,~,Connector_PinHeader_1.27mm:PinHeader_2x14_P1.27mm_Vertical,1,,,"Generic connector, double row, 02x14, odd/even pin num
J4,Conn_01x04,~,Connector_PinHeader_1.27mm:PinHeader_1x04_P1.27mm_Vertical,1,,,"Generic connector, single row, 01x04, script generated (kicad-library-
JP1,SolderJumper_2_Open,~,Jumper:SolderJumper-2_P1.3mm_Open_TrianglePad1.0x1.5mm,1,,
R1,100k,~,Resistor_SMD:R_0603_1608Metric,1,,
R2,R3,1K5,https://jlcpcb.com/partdetail/26610-0402WGF1501TCE/C25867,Resistor_SMD:R_0402_1005Metric,2,,62.5mW Thick Film Resistors 50V ± 100 ppm/
R4,0,https://jlcpcb.com/partdetail/21903-0603WAF0000T5E/C21189,Resistor_SMD:R_0201_0603Metric,1,,100mW Thick Film Resistors 75V $\pm 1\%$ 0603 Cl
R5,33,https://jlcpcb.com/partdetail/25848-0402WGF330JTCE/C25105,Resistor_SMD:R_0402_1005Metric,1,,62.5mW Thick Film Resistors 50V ± 100 ppm/ μ f \pm
R6,1M,~,Resistor_SMD:R_0603_1608Metric,1,,
R19,10k,~,Resistor_SMD:R_0603_1608Metric,1,,
R22,12k,~,Resistor_SMD:R_0603_1608Metric,1,,
SW1,SW2,SW_Push,~,Button_Switch_SMD:SW_Push_SPST_NO_Alps_SKRK,2,,
U1,STM32H723VGT6,STM32H723VGT6,Package_QFP:LQFP-100_14x14mm_P0.5mm,1,,
U2,USBLC6-2SC6,https://www.st.com/resource/en/datasheet/usblc6-2.pdf,Package_TO_SOT_SMD:SOT-23-6,1,,
U3,USB3300-EZK,http://ww1.microchip.com/downloads/en/DeviceDoc/00001783C.pdf,Package_DFN_QFN:QFN-32-1EP_5x5mm_P0.5mm_EP3.45x3.45mm,1,,
U4,U7,TPS7A2033,https://www.ti.com/product/TPS7A20/part-details/TPS7A2033PDBVR,Package_TO_SOT_SMD:SOT-23-5,2,,300mA ultra-low-noise low-IQ low
U5,NZ2520SDA-NSC5083D-45.1584MHz,https://www.ndk.com/en/products/lineup/crystal-oscillator/NZ2520SDA.html,Oscillator:Oscillator_SMD_Abracon_ASE
U6,NZ2520SDA-NSC5083D-49.152MHz,https://www.ndk.com/en/products/lineup/crystal-oscillator/NZ2520SDA.html,Oscillator:Oscillator_SMD_Abracon_ASDI
Y1,8MHz,https://jlcpcb.com/partdetail/Yxc-X50328MSB2GI/C115962,Crystal:Crystal_SMD_5032-2Pin_5.0x3.2mm,1,,8MHz Surface mount crystal oscillator 20p

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itors MLCC
ic Capacitors MLCC - SMD/SMT ROH
layer Ceramic Capacitors MLCC - C19666

5B 2.0-only 16P Type-C Receptacle connector
ibering scheme (row 1 odd numbers, row 2 even numbers), script generated (kicad-library-utils/schlib/autogen/connector/)"
utils/schlib/autogen/connector/)"

'â„f Â±1% 1.5kÎ© 0402 Chip Resistor
hip Resistor - Surface Mount ROHS
i±1% 33Î© 0402 Chip Resistor

"Hi-Speed USB Host, Device or OTG PHY with ULPI Interface"
v-dropout (LDO) linear regulator with high PSRR
MB-4Pin_2.5x2.0mm,1,, "SMD Ultra low phase noise suitable for high quality audio, NDK"
VB-4Pin_2.5x2.0mm,1,, "SMD Ultra low phase noise suitable for high quality audio, NDK"
F Â±10ppm Â±20ppm SMD5032 Crystals