# Bill of Materials

Title: **Bill of Materials for Project [Interface.PrjPcb] (No PCB Document Selected)**
Project: **STLINK Interface**
Company: **github.com/aKaReZa75**
Variant: **None**
Revision: **1.0**

| Inflow | LibRef | Footprint | Value | Rating | Package | Type | Description | Comment | Quantity |
|---|---|---|---|---|---|---|---|---|---|
| inflow? | Cap_Multi_SMD_100nF_0805 | CAP 0805/2012 | 10n | 50V | 0805 | MultiLayer | Bipolar ceramic capacitor SMD | 10n | 1 |
| inflow? | Cap_Multi_SMD_100nF_0805 | CAP 0805/2012 | 100n | 50V | 0805 | MultiLayer | Bipolar ceramic capacitor SMD | 100n, DS1307 | 2 |
| inflow? | Cap_Tantalum | SMT_C_Tantalum_B | 10u | 6.3V | Package? | Tantalum | Tantalum Capacitor,TAJ Series-SMD | 10u | 2 |
| 7152 | Con_MPH_9x1_V_THT_2.54 | HDR_THT_9M_2.54mm | 9 | Rating? | Package? | Type? | Header, single row, 9 pin | 9 | 1 |
| 7134 | Con_Prog_aKaReZa_JTAG_20 | BOX-HDR-10X2-2.54mm-S | JTAG-20P | Rating? | Package? | Type? | 10 Pin aKaReZa JTAG Programmer | JTAG-20P | 1 |
| 4528 | Con_Prog_BluePill | MOLEX KK 0022272041 | BluePill | Rating? | Package? | Type? | Serial Wire 4'pin | BluePill | 1 |
| 7119 | Con_Prog_CheapProject | IDC2.54-10PIN | STLINK V2 | Rating? | Package? | SWD | STLINK-V2 debugger/programmer IDC | STLINK V2 | 1 |
| 7119 | Con_Prog_STLinkV2 | IDC2.54-10PIN | STLinkV2 | Rating? | Package? | SWD | STLINK-V2 debugger/programmer IDC | STLinkV2 | 1 |
| 7119 | Con_Prog_STLinkV3_SWD | IDC2.54-10PIN | STLinkV3- | Rating? | Package? | SWD | STLINK-V3MINIE debugger/ | STLinkV3-minie | 1 |
| 4528 | Con_Prog_STM8 | MOLEX KK 0022272041 | STM8 | Rating? | Package? | Type? | STM8 Programmer Connector | STM8 | 1 |
| 4528 | Con_UART | MOLEX KK 0022272041 | UART | Rating? | Package? | Type? | UART Connector | UART | 1 |
| inflow? | Con_USB_C_16P | USBC_SMD_16_USB4110 - | 16b | Rating? | SMD | C | USB C Female Connector | 16b | 1 |
| inflow? | IC_Converter_CH340N | SO8_narrow_m | CH340N | Rating? | SO-8 | USB to TTL | TTL To USB Chip | CH340N | 1 |
| 5217 | IC_Reg_AMS1117_3.3 | SOT223_M | AMS1117- | 1A | SOT223 | LDO | 1'A Positive voltage regulator | AMS1117-3V3 | 1 |
| 0.5A | Other_Elec_Fuse_SMD | 1206_F | 0.25A | Rating? | 1206 | Fast | Short circiut protection | 0.25A | 1 |
| 8243 | Other_Mech_Screw | SCREW-M3 | M3 | Rating? | Package? | Screw | Board Screw With Spacer | M3 | 4 |
| inflow? | Res_SMD_0805 | RES 0805 (2012X06L) | 1K | 0.125W | 0805 | 10% | Resistor | 1K | 1 |
| inflow? | Res_SMD_0805 | RES 0805 (2012X06L) | 4.7K | 0.125W | 0805 | 10% | Resistor | 4.7K | 2 |
| inflow? | Res_SMD_0805 | RES 0805 (2012X06L) | 220b | 0.125W | 0805 | 10% | Resistor | 220b | 1 |
| inflow? | Res_SMD_0805 | RES 0805 (2012X06L) | 560b | 0.125W | 0805 | 10% | Resistor | 560b | 2 |
| inflow? | Semi_LED_SMD | LED 0805/2012 GREEN | Green | Rating? | Package? | LED | LED | Green | 1 |
| 5145 | SW_Other_JSelector_THT | jumper selector | 0b | Rating? | Dip | Selector | Jumper Selector | 0b | 1 |
| 5145 | SW_Other_Jumper | Jumper Small - 2.54 - GRAY | 2'Pin | Rating? | Package? | Type? | Jumper | 2'Pin | 2 |
|  |  |  |  |  |  |  |  |  | **31** |

**Approved**

aKaReZa

8/13/2025 9:16 PM

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**Notes**