Name	Designator	Footprint	Quantity	Manufacturer Part	Manufacturer	Supplier	Supplier Part	Price	JLCPCB Part Class	LCSC Assembly
"1" "0.1u"	"C12,C13,C14,C15,C16,C17,C18,C21,C22"	"C0603"	"9"	""	""	""	""	""	""	""
"2" "4.3p"	"C19,C20"	"C0603"	"2"	""	""	""	""	""	""	""
"3" "BAT54C"	"D1"	"SOT-23-3_L2.9-W1.6-P1.90-LS2.8-BR"	"1"	"BAT54C"	"CJ"	"LCSC"	"C2135"	"0.0269"	"Extended Part"	""
"4" "HDR-M-2.54_1x3"	"J1"	"HDR-M-2.54_1X3"	"1"	""	""	"LCSC"	"C180248"	"0.2524"	""	""
"5" "HDR-M-2.54_1x16"	"J5,J6,J7,J8"	"HDR-M-2.54_1X16"	"4"	""	""	"LCSC"	"C50981"	"0.0856"	""	""
"6" "180nH"	"L2"	"L0805"	"1"	""	""	""	""	""	""	""
"7" "PA8"	"PA8"	"PAD-100X55-RRECT"	"1"	""	""	""	""	""	""	""
"8" "LED-0603_R"	"POWER"	"LED0603_RED"	"1"	"19-217/R6C-AL1M2VY/3T"	""	"LCSC"	"C72044"	"0.0157"	""	""
"9" "1k5"	"R12"	"R0603"	"1"	""	""	""	""	""	""	""
"10" "1k8"	"R13"	"R0603"	"1"	""	""	""	""	""	""	""
"11" "47k"	"R15,R16,R17,R18,R19"	"R0603"	"5"	""	""	""	""	""	""	""
"12" "10k"	"R14,R20,R21,R23"	"R0603"	"4"	""	""	""	""	""	""	""
"13" "1M"	"R22"	"R0603"	"1"	""	""	""	""	""	""	""
"14"	"RESET"	"KEY-SMD_2P-L6.2-W3.6-LS8.0"	"1"	"K2-1107ST-A4SW-06"	""	"LCSC"	"C118141"	"0.0615"	""	""
"15" "FCD403-7M"	"SD-CARD"	"MIRCO-SD-SMD_FCD403-7M"	"1"	"FCD403-7M"	"TXGA(yr` V)"	"LCSC"	"C456401"	"0.2808"	"Extended Part"	""
"16" "HDR-M-2.54_1x4"	"ST-LINK"	"HDR-M-2.54_1X4"	"1"	""	""	"LCSC"	"C124378"	"0.0301"	""	""
"17" "LM1117 3V3"	"U4"	"SOT-223-3_L6.5-W3.4-P2.30-LS7.0-BR"	"1"	"LM317G-AA3-R"	"UTC"	"LCSC"	"C19651"	"0.1289"	""	"Yes"
"18" "W25Q128FVSIG"	"U5"	"SOIC-8_L5.3-W5.3-P1.27-LS8.0-BL"	"1"	"W25Q128FVSIG"	"WINBOND"	"LCSC"	"C35101"	"1.4081"	""	""
"19" "STM32F767VIT6"	"U6"	"LQFP-100_L14.0-W14.0-P0.50-LS16.0-BL"	"1"	"STM32F767VIT6"	"STMicroelectronics"	"LCSC"	"C91934"	"14.4659"	"Extended Part"	""
"20" "MICRO-01"	"USB"	"MICRO-USB_MICRO-USB-32"	"1"	"Micro-01"	"SOFNG"	"LCSC"	"C183609"	"0.1098"	""	""
"21" "LED-0603_G"	"USER-LED"	"LED0603_GREEN"	"1"	"19-217/GHC-YR1S2/3T"	""	"LCSC"	"C72043"	"0.028"	""	""
"22" "12MHz"	"X2"	"OSC-SMD_2P-L5.0-W3.2"	"1"	"ABM3-25.000MHZ-D2Y-T"	"Abracon LLC"	"LCSC"	"C148312"	"0.9143"	"Extended Part"	""
"23" "32KHZ"	"X4"	"OSC-TH_BD2.1-P0.70-D0.3"	"1"	"CFV-20632000AZFB"	"CITIZEN"	"LCSC"	"C326528"	"0.2157"	"Extended Part"	""