

Comment	Description	Designator	Footprint	LibRef	Quantity
	CONNECTOR ANTEN	A1	SMA-V	CON Ant	1
106	Cap SMD	C1, C13, C15	CAP 0805	CM	3
104	Cap SMD	C2, C3, C8, C9, C11, C1	CAP 0805	CM	8
103	Cap SMD	C4, C6	CAP 0805	CM	2
JP2	WR-PHD 2.54 mm Ang	C5, C7	JP2-CLOSED	JP2	2
Header2	Header IDC, 2 x 1 Pin V	C10	Header2	Header2	1
470uF	Polarized Capacitor (A	C12, C17	Tu_Nhom	CN-ALU-SMD	2
ST STM32L152 48PIN		IC1	ST LQFP-48 7x7MM	ST STM32L152 48PIN	1
HT133	HT73XX	IC2	HT7133	HT73XX_1	1
KF4		J1, J3, J4	KF4	KF4	3
KF3		J2	KF3-5.08T	KF3	1
LED		LED1, LED3	LED 0805	LED SMD	2
LED		LED2	Header2	LED SMD	1
JP5		P1	JP5	JP5	1
SPI	Header 5x2	P2	IDE_2X5	IDE 5x2	1
HF	NPN 600mW, ECB	Q1	SOT23B	C1815	1
10K	Resistor SMD	R1, R3, R5, R8, R11, R1	RES 0805/2012	RM	8
100	Resistor SMD	R2, R9, R10, R13, R14	RES 0805/2012	RM	5
1K	Resistor SMD	R4, R6, R7	RES 0805/2012	RM	3
LRST	Switch button 2 pin	SW1	SW1-SMD	SW2	1
RST	Switch button 2 pin	SW2, SW4	Header2	SW2	2
DFU	Switch button 2 pin	SW3	SW1-SMD	SW2	1
AO3415		U1, U3, U5, U6	SOT23B	AO3415	4
RHF76-052		U2	RHF76-052	RHF76-052	1
AFCP		U4	SOT23B	AO3415	1
MAX485 MODULE		U7	MODULE MAX485	MAX485 MODULE	1