





Comment	Comments	Designator	Footprint	LibRef	Quantity
33n		C1, C2, C3, C4, C6	Cap Ceramic 0805	CerCap	5
47u	50V	C5	Cap electro d6.3x2.54mm	ECap	1
220u	16V	C7	Cap electro d6.3x2.54mm	ECap	1
10u	10V	C8	Cap Ceramic 1206	CerCap	1
100n		C9, C10, C11, C12	Cap Ceramic 0805	CerCap	4
1u		C13	Cap Ceramic 0805	CerCap	1
LM1117IMP-3.3		DA1	SOT-232	LM1117IMP-x.x	1
STM32F103CBT6		DD1	TQFP48/QFN48 S0.5	STM32F100C4T6	1
LED		HL1, HL2, HL3, HL4	LED S2.54d3.0	LED	4
HF41F/12-ZS		K1, K2	RM699V	RM699V-xx11-85- xxxx	2
30k	1%	R1, R4, R5	Resistor 2512	Resistor 1W	3
300R	1%	R2, R3	Resistor 2W d5.08x20.32 axial	Resistor 2W	2
3k6	1%	R6, R7, R8, R9, R10, R11	Resistor 0805	Resistor 0,125W	6
5k1	5%	R12, R15, R17	Resistor 0805	Resistor 0,125W	3
51k	5%	R13, R16, R18	Resistor 0805	Resistor 0,125W	3
10k	5%	R14, R20, R23, R29, R30, R31	Resistor 0805	Resistor 0,125W	6
1k	5%	R19, R22, R25, R26, R27, R28	Resistor 0805	Resistor 0,125W	6
200R	5%	R21, R24	Resistor 0805	Resistor 0,125W	2
S1M		VD1, VD4, VD5	DO-214AC SMA	S1M	3
SMBJ43CA		VD2	DO-214AA SMB	SMBJxxCA	1
BZV55C12		VD3	SOD80C	BZV55Cxx	1
TIP112		VT1	TO-220	BDW93C	1
BC847		VT2, VT3	SOT-23-3	BC847	2
ZL211-02KG		XP1	Pins 1x2	Pins 1x2	1
ZL211-10KG		XP2	Pins 1x10	Pins 1x10	1
NS25-W5P		XP3	WF-05	Pins 1x5	1
Pins 2x5		XP4	Pins 2x5 - 1.27	Pins 2x5	1