Name	Designator	Quantity
	Resistors	
0805 SMD Resistor 10Ω	R306, R309, R312, R315	4
0805 SMD Resistor 20Ω	R101, R102	2
0805 SMD Resistor 100Ω	R403, R406, R409, R412, R415	5
0805 SMD Resistor 1kΩ	R401, R404, R407, R410, R413, R501, R502, R602	8
0805 SMD Resistor 5.1kΩ	R305, R308, R402, R405, R408	8
0805 SMD Resistor 20kΩ	R001, R305, R308	3
0805 SMD Resistor 47kΩ	R603, R604, R606	8
0805 SMD Resistor 100kΩ	R301, R302, R303, R304, R307, R310, R313, R316	8
3296W-1-103 100kΩ	R605	1
	Capacitors	
0805 SMD Capacitor 0.1uF	C404, C405, C001, C003, C005, C007, C009, C101 ,C102, C201, C203, C204, C206, C207, C209, C210, C212, C301, C302, C401, C402, C403	22
1206 SMD Capacitor 0.47uF	C501, C502, C601, C602, C603	5
Tantalum B case 68uF/10V	C004, C008	2
Electrolytic capacitor 220uF/35V	C202, C205 ,C208, C211	4
Electrolytic capacitor 470uF/25V	C002	1
Electrolytic capacitor 330uF/35V	C010	1
	Inductors	
1206 SMD Inductor 1uH	L101	1
	Diodes	
SS56	D001	1
SMBJ3.3CA	D501, D502	2
1206 LED Red	LED1, LED2, LED0	3
	Mosfets	
IRLML0040TRPbF	Q3, Q4	2
IRLR024NTRLPBF	Q2	1
IRLS3034PBF	Q1	1
	MC	
USBLC6-2SC6	D101	1

MC33152DR2G	U8, U9	2
LM1117-3.3	U6	1
LM1117-5	U7	1
PC817S	U10, U11, U12, U13, U14, U15	6
LM358M/TR	U16	1
	Fuses	
1808 fuse 12A	F0	1
1808 fuse 2A	F1	1
3216 resetable fuse 0.25A	F2, F3	2
	Connectors	
XH-2.54 2pin	3.3V, 5V, 12V_1, 12V_2, HOTFAN, PRIFAN, PROBE, RPM, TTL, T_HOTBED, T_HOTEND	11
XH-2.54 3pin	X_LIMIT, Y_LIMIT, Z_LIMIT, E_LIMIT	4
XH-2.54 4pin	E, X, Y, Z	4
HRD-2x3-2.54-MALE	J1, J2 ,J3, J4	4
HRD-1x3-2.54-MALE	POWERSWITCH1, POWERSWITCH2	2
KF301-5.0-2P	HOTEND	1
KF7.62 4-PIN	P1	1
BH-10	EXP1, EXP2	2
USB-B	USB1	1
HRD-1x8-2.54-FEMALE	U1, U2, U3, U4 connectors	8
	Modules	
STM32F401CC	U0	1
LM2596	U5	1
Stepper Motor Drivers	U1, U2, U3, U4	4