

Comment	Description	Designator	Footprint	LibRef	Quantity
Heated Bed	Description	Designator	гоофіні	Heater coil	Quantity 1
S8050			SOT23	\$8050	1
	Connector 2 Male,			Connector 2 Male,	
	Connector 4 Male, Connector 2 Female,	+LED-, BED, C_FAN, E-,		Connector 4 Male, Connector 2 Female,	
	Connector 40 Female,	E2_FAN, E2_Heater,		Connector 40 Female,	
	Connector 40 Male, Connector 4 Female,	EXT=, HOT_BED, J?, JP2, JP35, JTAG, MBR2_FAN,		Connector 40 Male, Connector 4 Female,	
	Connector 8 Female,	U3, UART, USB_DISC, X-		Connector 8 Female,	
=Family	Connector 8 Male	, Y-, Z-		Connector 8 Male	29
Cap Pol3	Polarized Capacitor (Surface Mount)	C10, C99	C0805	Cap Pol3	2
1nF/2000V/10%/X7R/C1 206		C?	O 1007 FAMIL DIAIC ICO	С	1
2.2uF/6.3V/10%/X5R/C0		C?	C_1206_5MIL_DWS_ISO	C	1
603		C?	C_0603_5MIL_DWS	С	1
10uF/6.3V/20%/X5R/C0 603		C?	C_0603_5MIL_DWS	С	1
22uF/6.3V/20%/X5R/C0				_	
603 100nF/50V/20%/Y5V/C0		C?	C_0603_5MIL_DWS	С	3
603		C?	C_0603_5MIL_DWS	С	5
NA(1nF/2000V/10%/X7R /C1206)		C?	C_1206_5MIL_DWS_ISO	С	1
	Capacitor				
Cap Semi	(Semiconductor SIM Model)	C?, C1, C18, C43, C54, C100, C101	C1206	Cap Semi	10
LED3	Typical BLUE SIC LED	D?, D1	3.5X2.8X1.9	LED3	2
	High Conductance Fast				
Diode 1N4148	Diode	D?, Q18	DO-35	Diode 1N4148	3
FB0805/600R/2A RJLD-		L?	L_0805_5MIL_DWS	L	1
060TC1(LPJ4013EDNL)		LAN?	RJLBC-060TC1	RJLBC-060TC1_GND	1
Buzzer 2 pin		LS?		Buzzer 2 pin	1
Opened XOHV 2A MOSFET SOT-		PHY_RST?	SJ	SJ XOHV 2A MOSFET SOT-	1
XOHV 2A MOSFET SOT- 23		Q2		XOHV 2A MOSFET SOT- 23	1
	N-Ch MOSFET	Q4, Q15	T02/2		
WSF40N06	40V 220A N-Channel JFET		TO 254 AA	WSK220N04	2
XOHV 2A	N-Ch MOSFET	Q8	TO-254-AA	JFET-N	1
?	40V 220A	Q13, Q17	TO263	WSK220N04	2
1k	RES SMD 10K OHM 5% 1/10W 0402	R3	SMD-0402-RES	ERJ-2GEJ103X	1
0	SMT Resistor	R6	RES 0805_2012	Resistor	1
	RES SMD 0.11 OHM 1%				
0.1 510	1/6W 0402	R15, Rr69 R24	SMD-0402-RES	ERJ-2BSFR11X	2
1K	SMT Resistor SMT Resistor	R39, R40	RES 0805_2012	Resistor Resistor	2
100	SMT Resistor	R51, R52	RES 0805_2012	Resistor	2
	RES SMD 10K OHM 5%	,			
	1/10W 0402, RES SMD 20K OHM 5% 1/10W			ERJ-2GEJ103X, ERJ-	
10k	0402	R65, R117	SMD-0402-RES	2GEJ203X	2
0R(board_mounted)		R?	0R_0603	R	1
2.2k/R0603		R?	R_0603_5MIL_DWS	R	1
10k/R0603		R?	R_0603_5MIL_DWS	R	1
12.1k/1%/R0603		R?	R_0603_5MIL_DWS	R	1
49.9R/1%/R0603		R?	R_0603_5MIL_DWS	R	4
220R/R0603	CAAT Design	R?	R_0603_5MIL_DWS	R	3
=VALUE NA(R0603)	SMT Resistor	R? R?	RES 0805_2012 R_0603_5MIL_DWS	Resistor R	2
IVA(ROBOS)		R?, R1, R2, R3, R4, R5,	R_0003_SIVIIL_DW3	R	
		R6, R7, R8, R9, R10,			
		R11, R16, R18, R25, R26, R27, R31, R32,			
104	SMT Resistor	R34, R42, R48, R49,	DEC 000E 2012	Resistor	24
10K 4.7K	SMT Resistor	R50, R100, RN1/3 R?, R29, R43	RES 0805_2012 RES 0805_2012	Resistor	34
RA1206_(4X0603)_4B8_4	((3)3,0)			RA1206_(4x0603)_4B8_S	1
.7k		RM?	R_MATRIX_4	mashed	4
SW-PB	Switch SPDT Subminiature	S?	SPST-2	SW-PB	1
	Toggle Switch, Right				
SW-SPDT	Angle Mounting, Vertical Actuation	S?	TL36WW15050	SW-SPDT	1
	V2 ARM Cortex-M4 32- bit MCU+FPU, 210				
	DMIPS, 1024 kB Flash,				
	192 kB Internal RAM, 114 I/Os, 144-pin LQFP,				
STM32F407ZGT6_1	40 to 85 degC, Tray	U8	STM-LQFP144_N	STM32F407ZGT6_1	1
NOT installed	1 White (420 0) 0	U13	SOIC8	MAX6675	1
	1Kbit (128 x 8), 2-wire Bus Automotive Serial				
	EEPROM with Write Protect, 2.5V, 8-Pin				
AT24C16-TSOP8	TSSOP, Bulk	U?	8A2_N	AT24C16-TSOP8	1
LAN8720		U?	QFN32_EP(33)_5.00x5.00 x0.90mm_Pitch_0.50mm	LAN8720	1
MAX6675		U?	SOIC8	MAX6675	1
TMC2208-LA		U?		TMC2208-LA	1
	FLASH - NOR Memory IC 16Mb _2M x 8_ SPI				
W25Q16	104MHz 8-SOIC	U?	SOIC8	W25Q16	1
8MHz	SMT Crystal	Y2		Abracon Crystal ABS06	1
WSK220N04	N-Ch MOSFET 40V 220A	[NoValue], Q?, Q3, Q5, Q11	TO263	WSK220N04	5
		1			3