Comment	Description	Designator	Footprint	LibRef	Quantity
LED SMD		BOOT_LED_M4, LED1, LED2, LED3, LED4, LED5 1	MY_LED_SMD	LED SMD	6
100NF	2.0 mm × 1.25 mm	C1, C2, C3, C4, C5, C8, C10, C12, C17, C18, C19, C20, C22, C23, C24, C25, C26, C27, C30, C37, C38, C39, C40, C41	MY_CAP_SMD_0805	CAP SMD_0805	24
100UF	CAP-3300Uf	C6, C7	MY_CAP_POL 10MM	Cap Pol_10mm	2
10uf		C9, C11, C13, C14, C21	MY_cap_smd10uf	cap_smd_10u	5
12pF	2.0 mm × 1.25 mm	C15, C16	MY_CAP_SMD_0805	CAP SMD_0805	2
1uF	2.0 mm × 1.25 mm	C28, C29	MY_CAP_SMD_0805	CAP SMD_0805	2
2.2uF	3.2 mm × 1.6 mm	C31, C36	MY_CAP_SMD_1206	CAP SMD_1206	2
22p	2.0 mm × 1.25 mm	C32, C35	MY_CAP_SMD_0805	CAP SMD_0805	2
22pF	2.0 mm × 1.25 mm	C33, C34	MY_CAP_SMD_0805	CAP SMD_0805	2
HDR		CAN MODULE, FOOT, SENSOR	MY_HDR2X5	HEADER 5X2	3
1n5822_big	shotkey diod	d1	MY_1n5822_smd_big	1n5822_big	1
DIOD		DZ1, DZ2	MY_SMD_DIOD	SMD DIOD	2
0		fuse, R17	MY_RES_SMD_1206	RES SMD 1206	2
HOME		HOME	MY_SPST-0.5	PUSH BUTTON_SMALL	1
Header 4	Header, 4-Pin	ISP1, M3ISP	My_1X04	Header 4	2
DC_Jack	DC_Jack	J1	My_DC_Jack	DC_Jack	1
100UH		L1, L2	MY_SMD_INDUCTOR	INDUCTOR SMD	2
M3_BOOT		M3_BOOT, M3_RESET	MY_SPST-0.5	PUSH BUTTON_SMALL	2
M4_BOOT		M4_BOOT	MY_SPST-0.5	PUSH BUTTON_SMALL	1
M4_RESET		M4_RESET	MY_SPST-0.5	PUSH BUTTON_SMALL	1
pin_gerd	3pin	p1, p2	MY_PINGERD3	pin_gerd	2
data_logger	3pin	p3	MY_PINGERD3	pin_gerd	1
CAN	3pin	p4	MY_PINGERD3	pin_gerd	1
120		R1, R2, R3, R4, R5, R6, R7, R8, R19, R22, R23, R24, R25, R26, R27, R28, R34, R35, R38, R39, R40, R47, R52, R54, R56, R59, R61	MY_RES_SMD_0805	RES SMD 0805	27
10K		R9, R10, R11, R12, R13, R14, R15, R16, R20, R21, R41, R53, R58, R62, R63, R65, R67, R_PULLDOWN	MY_RES_SMD_0805	RES SMD 0805	18
1.5K		R18, R29, R30, R31	MY_RES_SMD_0805	RES SMD 0805	4
1k		R32, R33, R37, R45, R49, R57	MY_RES_SMD_0805	RES SMD 0805	6
560		R36, R50, R55, R60, R66, R69	MY_RES_SMD_0805	RES SMD 0805	6
1.8K		R42	MY_RES_SMD_0805	RES SMD 0805	1
3.3K		R43	MY_RES_SMD_0805	RES SMD 0805	1
100		R44, R46	MY_RES_SMD_0805	RES SMD 0805	2
1M		R48	MY_RES_SMD_0805	RES SMD 0805	1
12K		R51	MY_RES_SMD_0805	RES SMD 0805	1
22		R64	MY_RES_SMD_0805	RES SMD 0805	1
22K		R68	MY_RES_SMD_0805	RES SMD 0805	1
LM2596_Module		REG1	LM2596_Module	LM2596_Module	1
LD1117 5		REG2, REG3, REG5	MY_LD1117-3.3	LD1117 3.3	3
LD1117 3.3		REG4	MY_LD1117-3.3	LD1117 3.3	1
START		START	MY_SPST-0.5	PUSH BUTTON_SMALL	1
K9F2G08R0A	256M x 8 Bit NAND Flash Memory	U1	MY_TSOP1-48	K9F2G08R0A	1
ON3131	OPTO ISOLATOR	U3, U4, U5, U6	MY_ON3131	ON3131	4
SN74HC245DBLE	Octal Bus Transceiver with 3-State Outputs	U7	DB020	SN74HC245DBLE	1
MCP2551-E/SN	High-Speed CAN Transceiver, 8-Pin SOIC, Extended Temperature	U8	SOIC-SN8_N	MCP2551-E/SN	1
FODM8071	HIGH SPEED OPTO COUPLER	U9, U10, U12, U13, U14, U15, U16, U17, U18, U19	MY_SO5	FODM8071	10
STM32F103CBT6	STM32 ARM-based 32-bit MCU with 128 Kbytes Flash, 48-pin LQFP, Industrial Temperature	U11	LQFP48_N	STM32F103CBT6	1
STM32F407		u2	MY_LQFP100	STM32F407	1
8MHz	Crystal	Y1, Y2	My_Crystal - SMD	CRYSTAL_SMD	2