Comment	Description	Designator	Footprint	LibRef	Quantity
LogoGICM		*1	LOGO	LogoGICM	1
10µF	CAP TANT POLY 10UF 25V 1206	C1, C2	CAP POL 1206_3216	TCNK106M025R0350	2
0.1µF	CAP CER 0.1UF 50V X7R 0805	C3, C4, C5_HS11, C5_HS12, C5_HS13, C5_HS14, C6, C7, C8_VALV1, C8_VALV2, C10, C11, C14, C15	CAP 0805_2012	C0805C104M5RACAUTO	14
470µF	CAP ALUM 47UF 20% 63V RADIAL	C9_VALV1, C9_VALV2	CAP TH ALUM ELEC D10.00mm S5.00mm H14.50mm	UBT1J470MPD1TD	2
#NAME?	DIODE GEN PURP 200V 2A SMB	D1_VALV1, D1_VALV2	DO214AA SMB	MURS120T3G	2
Green	LED YELLOW CLEAR CHIP SMD	D2_VALV1, D2_VALV2, D3, D4, D5, D6	LED 0805_2012 YELLOW	APT2012SYCK	6
2-406549-1	RJ45 Connector, Pitch 1.016 mm, 8 Position, Height 14.22 mm, Tail Length 3.18 mm, RoHS, Tray	J1, J2, J3, J5, J6, J8	TECO-2-406549-1_V	CMP-2000-05541-1	6
282841-2	Conn Terminal Block 2 POS 5.08mm Solder ST Thru-Hole 17.5A/Contact	J4	TE_282841-2	282841-2	1
#NAME?	CONN RCPT USB2.0 TYPEB 4POS R/A	J7	FCI USB 61729-1011BLF	61729-1011BLF	1
ARDUINO MEGA R3		MD1	ArduinoMega	Arduino_Mega_R3	1
IRF520NPBF	HEXFET(R) Power MOSFET, 100 V, 9.7 A, 0.2 Ohm, -55 to 175 degC, 3-Pin FM (TO-220AB), RoHS, Tube	Q1_VALV1, Q1_VALV2	INTR-TO-220AB-3	CMP-2100-03647-1	2
0R	RES SMD 1.47K OHM 1% 1/8W 0805	R1, R2, R4_HS11, R4_HS12, R4_HS13, R4_HS14, R6, R8, R9, R12, R13_VALV1, R13_VALV2, R17_T1W1, R17_T1W2, R18_FS11, R18_FS12	RES 0805_2012	RC0805FR-071K47L	16
10k	RES SMD 1.47K OHM 1% 1/8W 0805	R3_HS11, R3_HS12, R3_HS13, R3_HS14, R5, R7, R19, R20, R34, R35	RES 0805_2012	RC0805FR-071K47L	10
0k	RES SMD 1.47K OHM 1% 1/8W 0805	R10	RES 0805_2012	RC0805FR-071K47L	1
1K	RES SMD 1.47K OHM 1% 1/8W 0805	R11, R14_VALV1, R14_VALV2, R15_VALV1, R15_VALV2, R21, R22, R23, R24, R25, R26, R27, R28, R29, R30, R31, R32, R33, R36, R37, R38	RES 0805_2012	RC0805FR-071K47L	21
4.7k	RES SMD 1.47K OHM 1% 1/8W 0805	R16_T1W1, R16_T1W2	RES 0805_2012	RC0805FR-071K47L	2
74HC595D,112	IC SHIFT REGISTER 8BIT	U1, U2	FP-SOT109-1-MFG	CMP-14351-000003-1	2