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BT101	CR2032	backward:CR2032H
C215	1000uF/10V-lowESR	backward:CP_10x21mm
C210	1000uF/6.3V	CP_10x16mm
C1001	100nF	backward:SM0805
C101	100nF	SM0805
C102	100nF	SM0805
C1102	100nF	backward:SM0805
C113	100nF	SM0805
C114	100nF	SM0805
C115	100nF	SM0805
C117	100nF	SM0805
C118	100nF	SM0805
C119	100nF	SM0805
C120	100nF	SM0805
C121	100nF	SM0805
C124	100nF	SM0805
C201	100nF	SM0805
C203	100nF	SM0805
C205	100nF	SM0805
C207	100nF	SM0805
C208	100nF	SM0805
C212	100nF	SM0805
C216	100nF	SM0805
C222	100nF	SM0805
C223	100nF	SM0805
C225	100nF	SM0805
C302	100nF	SM0805
C304	100nF	Capacitor_SMD:C_0805_2012Metric
C309	100nF	SM0805
C310	100nF	SM0805
C311	100nF	SM0805
C312	100nF	SM0805
C313	100nF	SM0805
C314	100nF	SM0805
C315	100nF	SM0805
C316	100nF	SM0805
C501	100nF	backward:SM0805
C502	100nF	backward:SM0805
C701	100nF	backward:SM0805
C702	100nF	backward:SM0805
C706	100nF	Capacitor_SMD:C_0805_2012Metric
C801	100nF	backward:SM0805
C802	100nF	backward:SM0805
C804	100nF	backward:SM0805
C806	100nF	backward:SM0805
C807	100nF	backward:SM0805
C808	100nF	backward:SM0805
C809	100nF	backward:SM0805
C810	100nF	backward:SM0805
C812	100nF	backward:SM0805
C901	100nF	backward:SM0805
C914	100nF	Capacitor_SMD:C_0805_2012Metric
C214	100uF/10V	backward:CP_5x11mm
C218	100uF/10V	backward:CP_5x11mm
C217	100uF/10V-lowESR	backward:CP_5x11mm
C220	100uF/10V/Ta	backward:c_tant_C
C224	100uF/10V/Ta	backward:c_tant_C
C204	100uF/16V	backward:CP_5x11mm
C209	100uF/35V-lowESR	backward:CP_5x11mm
C108	100uF/6.3V	CP_5x11mm
C110	100uF/6.3V	CP_5x11mm
C202	100uF/6.3V	CP_5x11mm

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	100uF/6.3V	CP_5x11mm
	100uF/6.3V	CP_5x11mm
	100uF/6.3V	Capacitor_THT:CP_Radial_D5.0mm_P2.5
0mm		
	100uF/6V	backward:c_tant_C
	100uF/6V/Ta	backward:c_tant_C
	10nF	SM0805
	10nF	SM0805
	10nF	SM0805
	10pF	backward:SM0805
C1002	10uF/5V/Ta	backward:c_tant_A
C503	10uF/5V/Ta	backward:c_tant_A
C703	10uF/5V/Ta	backward:c_tant_A
C704	10uF/5V/Ta	backward:c_tant_A
C803	10uF/5V/Ta	backward:c_tant_A
C805	10uF/5V/Ta	backward:c_tant_A
C811	10uF/5V/Ta	backward:c_tant_A
C813	10uF/5V/Ta	backward:c_tant_A
C902	10uF/5V/Ta	backward:c_tant_A
C301	10uF/6.3V	c_tant_A
C103	10uF/6.3V/Ta	c_tant_A
C104	10uF/6.3V/Ta	c_tant_A
C106	10uF/6.3V/Ta	c_tant_A
C111	10uF/6.3V/Ta	c_tant_A
C112	10uF/6.3V/Ta	c_tant_A
C116	10uF/6.3V/Ta	c_tant_A
C123	10uF/6.3V/Ta	c_tant_A
C125	10uF/6.3V/Ta	c_tant_A
C122	12pF	SM0805
C126	12pF	SM0805
C107	180pF	SM0805
C105	18pF	SM0805
C109	18pF	SM0805
C913	22pF	Capacitor_SMD:C_0805_2012Metric
C1101	470pF	backward:SM0805
C1103	470pF	backward:SM0805
C1104	470pF	backward:SM0805
C1105	470pF	backward:SM0805
C206	470uF/35V-lowESR	backward:CP_10x21mm
CON401	USB-MINI-B	my_USB_MINI_B
C911	nc	Capacitor_SMD:C_0805_2012Metric
C912	nc	Capacitor_SMD:C_0805_2012Metric
D201	1N4007	Diode_THT:D_DO-41_SOD81_P10.16mm_Ho
rizontal		
D202	1N4007	Diode_THT:D_DO-41_SOD81_P10.16mm_Ho
rizontal		
D203	1N4007	Diode_THT:D_DO-41_SOD81_P10.16mm_Ho
rizontal		
D103	1N4148	diode-MINIMELFAC
D205	1N4148	diode-MINIMELFAC
D301	1N4148	diode-MINIMELFAC
D906	1N4148	backward:diode-MINIMELFAC
D908	1N4148	backward:diode-MINIMELFAC
D204	1N5822	Diode_THT:D_DO-201AD_P15.24mm_Horiz
ontal		
F201	PTC-2A	PTC-rm5
J701	Micro_SD_Card	Connector_Card:microSD_HC_Wuerth_69
3072010801		
L201	100uH/3A/Fe.powd.tor	mynew:myL_Toroid_Vertical_L21.6mm_W
9.1mm_P8.40mm_Bourns_5700		
L401	LCBC-601/1206/nc	SM1206
L101	fer.bead	SM1206

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P807	AM2320	mynew:pinhead-1X04
P1101	ANALOG0	mynew:pinhead-1X06
P1102	ANALOG1	mynew:pinhead-1X06
P303	BEEPER	mynew:pinhead-1X02
P804	BMI088	mynew:pinhead-1X04
P802	BMP180	mynew:pinhead-1X04
P104	BOOT	backward:pinhead-1X02
P1001	BT	mynew:pinhead-1X06
P307	BUTTONS	pinhead-1X04
P501	CAN	mynew:pinhead-1X02
P308	EXT	pinhead-1X05
P105	GND_TP	lpin-1.5
P901	GPS	mynew:pinhead-1X05
P801	HMC5883	mynew:pinhead-1X05
P803	I2C3V	mynew:pinhead-1X04
P805	I2C5V	mynew:pinhead-1X04
P808	I2C5V	mynew:pinhead-1X04
P101	JTAG	pinhead-1X08
P702	LCD	Connector_PinHeader_2.54mm:PinHeade
r_1x12_P2.54mm_Vertical		
P301	LED	pinhead-1X04
P201	PWR_IN	pinhead-1X02
P306	ROTCODER	pinhead-1X04
P701	SPI	mynew:pinhead-1X06
P102	STLINK	pinhead-1X06
P304	TOUCH	pinhead-1X04
P103	USART1	pinhead-1X03
P203	VCC3	pinhead-1X02
P202	VCC5	pinhead-1X02
P204	VCC5	pinhead-1X02
P806	unused	mynew:pinhead-1X04
Q301	BSS138	Package_TO_SOT_SMD:SOT-23
Q302	BSS138	Package_TO_SOT_SMD:SOT-23
Q303	BSS138	Package_TO_SOT_SMD:SOT-23
Q401	BSS84	Package_TO_SOT_SMD:SOT-23
Q304	IRLML6344	Package_TO_SOT_SMD:SOT-23
Q305	IRLML6344	Package_TO_SOT_SMD:SOT-23
R701	0R	backward:SM0805
R905	0R	Resistor_SMD:R_0805_2012Metric
R104	100	SM0805
R105	100	SM0805
R106	100	SM0805
R107	100	SM0805
R109	100R	SM0805
R102	100k	SM0805
R103	100k	SM0805
R110	100k	SM0805
R308	100k	SM0805
R310	100k	Resistor_SMD:R_0805_2012Metric
R403	100k	SM0805
R405	100k	SM0805
R501	100k	backward:SM0805
R909	100k	Resistor_SMD:R_0805_2012Metric
R111	10k	SM0805
R204	10k	backward:SM0805
R502	120R/0.6W	backward:R3
R313	1M	SM0805
R314	1M	SM0805
R315	1M	SM0805
R316	1M	SM0805
R202	1k	backward:SM0805
R301	1k	SM0805

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R404	1k5	SM0805
R108	1k5 (470)	SM0805
R1101	220k	backward:SM0805
R1103	220k	backward:SM0805
R1104	220k	backward:SM0805
R1105	220k	backward:SM0805
R801	2k2	backward:SM0805
R802	2k2	backward:SM0805
R303	330	SM0805
R304	330	SM0805
R305	330	SM0805
R1102	330k	backward:SM0805
R1106	330k	backward:SM0805
R1107	330k	backward:SM0805
R1108	330k	backward:SM0805
R203	33k	backward:SM0805
R803	3k3	backward:SM0805
R804	3k3	backward:SM0805
R101	3k3 (nc)	SM0805
R703	6k8	Resistor_SMD:R_0805_2012Metric
R201	8k2	backward:SM0805
R112	nc	SM0805
R401	nc	SM0805
R402	nc	SM0805
R406	nc	SM0805
R702	nc	Resistor_SMD:R_0805_2012Metric
TR201	1.5KE30A	diode-DO201-15
TR101	SMBJ3V3	diode-DO214AA
TR102	SMBJ3V3	diode-DO214AA
TR103	SMBJ3V3	diode-DO214AA
TR104	SMBJ3V3	diode-DO214AA
TR105	SMBJ3V3	diode-DO214AA
TR203	SMBJ3V3	diode-DO214AA
TR202	SMBJ5V	diode-DO214AA
TR204	SMBJ5V	diode-DO214AA
U801	24LC64	Package_DIP:DIP-8_W7.62mm_Socket
U302	74HCT541	Package_SO:SO-20_12.8x7.5mm_P1.27mm
U202	78L05	mynew:v-reg-T092C
U904	ENC28J60moduleconnector	mynew:pinhead-2X05
U201	LD1117-33	Package_TO_SOT_THT:TO-220-3_Vertical
1		
U203	LM2576T-5	mynew:TO220-5L
U501	MCP2562-E-P	Package_DIP:DIP-8_W7.62mm
U1103	MCP6V84	Package_SO:TSSOP-14_4.4x5mm_P0.65mm
U101	STM32F373VCT6	LQFP100my2
U401	USB6B1	Package_SO:SOIC-8_3.9x4.9mm_P1.27mm
X101	12MHz	crystal-HC49_S
X102	32768	mynew:RTC_quartz
X201	USB-A-H	mynew:con-usb-2-USB-A-H-my