



Comment	Description	Designator	Footprint	LibRef	Quantity
47 µF	CAPCER47UF6.3V X5R0805	C1, C2, C3, C4	CAP 0805_2012	OL21A476MQYNNNE	
0.33µF	CAPCER 0.33UF 50V	C5	CAP 0805_2012	08055C334JAT2A	
10uF	X7R 0805 CAP ALUM POLY 10UF	06	CAP ALSMD POLY	109/P10M	
	20% 10V SMD CAP CER 0805 220NF		4.3MM H5.5MM		
0.22 µF	100V X7R5%	C7, C16	CAP 0805_2012	C0805C224J1REC7800	
1µF	CAPCER1UF50VX7R 0805	C 8	CAP 0805_2012	08055C105K4Z2A	
0.1μF	CAPCERO.1UF50V X7R0805	C9, C17, C20, C22, C23, C24, C25, C26, C27	CAP 0805_2012	CC0805MRX7R9BB104	
22 µF	CAPCER22UF16V	C10, C11, C12, C13,	CAP 0805_2012	CL21A226KOQNNNE,	
	X5R 0805 CAP ALUM 47UF 20%	C19	CAP ALSMD 4.3MM	CL21A226KOQNNNG EMVA6R3ADA470MD5	
47μF	6.3V SMD	C14	H5.4MM	5G C2012X6S1C106K125A	
10 μF	CAP CER 10UF 16V X6S 0805	C15, C18, C21	CAP 0805_2012	C C C C C C C C C C C C C C C C C C C	
STPS2H100ZF	DIODESCHOTTKY 100V 2A SOD123F	D1	SOD123F	STPS2H100ZF	
Green	LED GREEN CLEAR	D2, D6	LED 0805_2012 GREEN	APHOM20120G0K-F01	
STTH4R02UY	CHIP SMD DIODEGEN PURP	D3	DO214AA SMB	STTH4R02UY	
	200V 4A SMB TVSDIODE5.25V 17V				
USBL06-2P6	SOT666	D4	FP-SOT-666-MFG	CMP-12225-000058-1	
Blue	LED BLUE CLEAR 2012 SMD	D6	LED 0805_2012 BLUE	SMLMN2BCTT86C	
RF071MM2STR	DIODEGEN PURP 200V 700MA PMDU	D7	SOD123F	RF071MM2STR	
120 Ohms @ 100MHz	BMI BEAD FILETER	FB1	FER 0805_2012	BBUP00201209121Y00	
	MOSFET N-CH20V				
BSR202NL6327HTSA1	3.8A S059	ICI	INFINEON SOT-23-3	BSR202NL6327HTSA1	
USB4105-GF-A-120	USB Csocket; SMT; PIN: 16; top board	Ji	USB4105-GF-A-120	USB4105-GF-A-120	
	mount; 5A CONN PWRJACK				
PJ-002AH-SMT-TR	2X5.5MM SOLDER	Æ	CUI PJ-002AH-SMT-TR	PJ-002AH-SMT-TR	
M1	CONN HEADER VERT 2POS 2.54MM	ß	MOLEX KK 0022272021	0022272021	
USONIC	CONN HEADER VERT 4POS 2.54MM	J4	MOLEX KK 0022272041	0022272041	
UART1	CONN HEADER VERT	J.	MOLEXIKK	0022272041	
	4POS2.54MM CONN HEADER VERT		0022272041 MOLEX KK		
LED1	3POS2.54MM	J.S	0022272031	0022272031	
DISPLAY1	CONN HEADER VERT 4POS 2.54MM	J7	MOLEX KK 0022272041	0022272041	
NFC1	CONN HEADER VERT 6POS 2.54MM	JB	MOLEX KK 0022272061	0022272061	
VALVE1	CONN HEADER VERT	.g	MOLEXIKK	0022272021	
NFC2	2POS2.54MM CONN HEADER VERT	J10	0022272021 MOLEX KK	0022272061	
NFC2	6POS2.54MM CONN HEADER VERT	310	0022272061 MOLEX KK	0022272061	
Button	2POS2.54MM	J11	0022272021	0022272021	
8.2uH	Commercial Inductors, High Saturation Series	ц	FP-IHLP-2525CZ- FP_2_413x3-MFG	OMP-02424-000673-1	
M3 Mounting Hole	8.2uH4A68mΩ20%	MH1, MH2, MH3	M3_MOUNTING_HOLE	M3 Mounting Hole	
	RESSMD 5.1KOHM				
5.1k	0.5% 1/8W 0805	R1, R2	RES0805_2012	ERA-6AED512V	
470	RES 470 OHM 1% 1/3W 0805	R3, R7	RES0805_2012	ORGP0805F470R	
100k	RESSMD 100KOHM 0.1% 1/10W 0805	R4, R5	RES0805_2012	CPF0805B100KE	
24.9k	RESSMD 24.9KOHM	R6	RES0805_2012	RNCF0805DTE24K9	
	0.5% 1/4W 0805 RES47 OHM 1% 1/3W				
47	0805 RES10K OHM 0.1%	R8	RES0805_2012	ORGP0805F47R	
10k	1/10W 0805	R9, R10, R11, R17	RES0805_2012	RNC30805BKE10K0	
22	RESSMD 22 OHM 0.1% 1/10W 0805	R12, R13	RES0805_2012	OPF0805B22RE1	
4k7	RESSMD 4.7K OHM 5% 1/2W 0805	R14, R15	RES0805_2012	RCS08054K70JNEA	
160	RESSMD 160 OHM	R16	YAGEO RES 0805_2012	RTD805BRD07160P	
	0.1%1/8W0805 SWITCHTACTILE SPST-				
F9M6J9MAASTR	NO 0.05A 24V	S1, S2	TEFSM6JSMA	FSM6JSMAASTR	
LD29150DT33R	1.5A, Very-Low Drop Voltage Regulator, 3.3V, 3-Pin DPAK	и	TO-252_L	OMP-0244-00130-1	
LMR33630ADDAR	ICREGBUCK ADJUSTABLE 3A 8SOPWR	U2	FP-DDA0008J-IPC_B	OMP-04918-000184-1	
TB6612FNG	Driver IC for Dual DC Motor, 15 V, -20 to 85 degC, 24-Pin SSOP,	uз	TO9HSSOP-24_M	CMP-1773-00001-1	
ESP32-C6-WROOM-1	RoHS, Tape and Reel	U4	ESP32-C6-WROOM1	ESP32-C6-WROOM-1	
TXS0102DCUR	ICTRN9LTR	U5	FP-DCU0008A-MFG	CMP-0859-00001-2	l