



Comment	Description	Designator	Footprint	LibRef	Quantity
47 µF	CAP CER 47UF 6.3V X5R 0805	C1, C2, C3, C4	CAP 0805_2012	CL21A476MQYNNNE	
0.33µF	CAPCER 0.33UF 50V	C5	CAP 0805_2012	08055C334JAT2A	
l0uF	X7R0805 CAP ALUM POLY10UF	06	CAP ALSMD POLY	10SVP10M	
	20%10VSMD CAP CER 0805 220NF		4.3MM H5.5MM		
).22 μF	100VX7R5% CAPCER1UF50VX7R	C7, C16	CAP 0805_2012	C0805C224J1REC7800	
1μF	0805	08	CAP 0805_2012	08055C105K4Z2A	
0.1 µF	CAP CER 0.1UF 50V X7R 0805	C9, C17, C20, C22, C23, C24, C25	CAP 0805_2012	CC0805MRX7R9BB104	
22 µF	CAP OER 22UF 16V X5R 0805	C10, C11, C12, C13, C19	CAP 0805_2012	CL21A226KOQNNNE, CL21A226KOQNNNG	
47 μF	CAPALUM 47UF 20% 6.3V SMD	C14	CAPALSMD 4.3MM	BMVA6R3ADA470MD5	
10 µF	CAP CER 10UF 16V X6S	C15, C18, C21	H5.4MM CAP 0805_2012	C2012X6S1C106K125A	
	DIODESCHOTTKY			C HOOF	
STPS2H100ZF	100V2ASOD123F LED GREEN CLEAR	DI	SOD123F	STPS2H100ZF	
Green	CHIPSMD	D2, D5	LED 0805_2012 GREEN	APHOM2012OGOK-F01	
STTH4R02UY	DIODEGEN PURP 200V 4A SMB	D3	DO214AA SMB	SITIH4R02UY	
USBL06-2P6	TVSDIODE5.25V17V SOT666	D4	FP-SOT-666-MFG	OMP-12225-000058-1	
Blue	LEDBLUE CLEAR 2012 SMD	D6	LED 0805_2012 BLUE	SMLMN2BCTT86C	
120 Ohms @ 100MHz	BMI BEAD FILETER	FB1	FER:0805_2012	BBUP00201209121Y00	
BSP202NL6327HTSA1	MOSFETN-CH20V	ICI	INFINEON SOT-23-3	BSR202NL6327HTSA1	
	3.8A SC59 USB Csocket; SMT;	-		Low Report HON	
USB4105-GF-A-120	PIN: 16; top board mount; 5A	JI	USB4105-GF-A-120	USB4105-GF-A-120	
PJ-002AH-SMT-TR	OONN PWRJACK 2X5.5MM SOLDER	Ŀ	CUI PJ-002AH-SMT-TR	PJ-002AH-SMT-TR	
M1	CONN HEADER VERT	ß	MOLEXKK	0022272021	
M2	2POS 2.54MM CONN HEADER VERT	И	0022272021 MOLEX KK	0022272021	
	2POS2.54MM CONN HEADER VERT		0022272021 MOLEX KK		
UART1	4POS 2.54MM CONN HEADER VERT	Б	0022272041 MOLEX KK	0022272041	
LED1	3POS2.54MM	a.	0022272031	0022272031	
DISPLAY1	CONN HEADER VERT 4POS 2.54MM	J7	MOLEX KK 0022272041	0022272041	
NFC1	CONIN HEADER VERT 6POS 2.54MM	JB	MOLEX KK 0022272061	0022272061	
VALVE1	CONN HEADER VERT	JB	MOLEXIKK	0022272021	
NFC2	2POS 2.54MM CONN HEADER VERT	J10	0022272021 MOLEX KK	0022272061	
Button	6POS 2.54MM CONN HEADER VERT	J11	0022272061 MOLEX KK	0022272021	
Bullon	2POS2.54MM Commercial	JII	0022272021	0022272021	
8.2uH	Inductors, High Saturation Series 8.2uH4A68mΩ20%	L1	FP-IHLP-2525CZ- FP_2_413x3-MFG	OMP-02424-000673-1	
M3 Mounting Hole	0.2ui 14/1001112/2070	MH1, MH2, MH3	M3_MOUNTING_HOLE	M3 Mounting Hole	
5.1k	RESSMD 5.1KOHM	R1, R2	RES0805_2012	ERA-6AED512V	
-	0.5% 1/8W 0805 RES470 OHM 1%				
470	1/3W 0805 RESSMD 100K OHM	R3, R7	RES0805_2012	CRGP0805F470R	
100k	0.1%1/10W0805	R4, R5	RES0805_2012	CPF0805B100KE	
24.9k	RESSMD 24.9K OHM 0.5% 1/4W 0805	R6	RES0805_2012	RNCF0805DTE24K9	
47	RES47 OHM 1% 1/3W 0805	R8	RES0805_2012	CRGP0805F47R	
10k	RES10KOHM0.1%	R9, R10, R11	RES0805_2012	RNCS0805BKE10K0	
22	1/10W0805 RESSWD 22 OHM	R12, R13	RES0805_2012	OPF0805B22RE1	
4k7	0.1%1/10W0805 RESSMD 4.7KOHM	R14. R15	RES0805_2012	RCS08054K70JNEA	
	5%1/2W0805 RESSMD 160 OHM	,			
160	0.1%1/8W0805 SWITCHTACTILESPST-	R16	YAGEO RES0805_2012		
FSM6JSMAASTR	NO 0.05A 24V	S1, S2	TEF9M6J9MA	F9M6J9MAASTR	
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 ICfor Dual DC Motor, 15 V, -20 to 85 degC, 24-Pin SSOP,	uз	TOSH-SSOP-24_M	OMP-1773-00001-1	
ESP32-C6-WROOM-1	RoHS, Tape and Reel	U4	ESP32-C6-WROOM1	ESP32-C6-WROOM-1	