

ESP32 BASE BOARD Revised: Thursday, December 19, 2019

Revision: 01

Item	Quantity	Reference
1	3	C401,C402,C403
2	10	C404,C409,C411,C417,C422,C424,C425,C426,C427,C428
3	5	C405,C406,C407,C408,C423
4	3	C410,C412,C414
5	1	C413
6	2	C415,C418
7	3	C416,C419,C421
8	1	C420
9	1	D401
10	1	D402
11	9	D403,D404,D405,D406,D407,D408,D409,D410,D411
12	1	FB401
13	1	FB403
14	1	J401
15	1	J402
16	1	J403
17	1	J404
18	1	L401
19	1	L402
20	1	RT401
21	1	R402
22	17	R403,R412,R413,R415,R417,R419,R420,R447,R453,R455,R457 ,R468,R471,R472,R473,R484,R486
23	17	R404,R406,R410,R422,R423,R425,R426,R427,R429,R430,R437 ,R439,R440,R441,R452,R461,R477
24	1	R405
25	36	R407,R408,R421,R424,R428,R431,R432,R433,R434,R435,R436 ,R438,R442,R443,R448,R449,R450,R451,R462,R463,R464,R46 5,R466,R469,R470,R474,R475,R476,R478,R479,R480,R481,R4 82,R483,R485,R487
26	1	R409
27	3	R414,R416,R418
28	1	R444
29	1	R445
30	2	SW401,SW402
31	1	U401
32	1	U402
33	1	U403
34	1	U404
35	1	U405

36	1	U406
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Part	Manufacturer	Manufacturer PN
22uF	Murata Electronics	GRM21BR61C226ME44L
0.1uF	Murata Electronics	GCM155R71H104KE02J
22uF	Murata Electronics	GRM188R60J226ME15J
1000pF	Murata Electronics	GCM1555C1H102JA16J
0.1uF	Murata Electronics North America	GCM155R71H104KE02J
3.3nF	Murata Electronics	GCM155R71H332JA37D
10uF	Murata Electronics	GRM188R60J106KE47D
150uF	Panasonic	6TPE150MAZB
SMBJ15A-13-F	Diodes Incorporated	SMBJ15A-13-F
PDS340-13	Diodes Incorporated	PDS340-13
LED GREEN	EVERLIGHT	EVERLIGHT:19-21SYGC/S530-E2/TR8
BLM18KG121TH1D	Murata Electronics	BLM18KG121TH1D
BLM15PX121SN1D	Murata Electronics	BLM15PX121SN1D
RAPC722	CUI Connectors	PJ-202A
DF17(4.0)-50DS-0.5V(57)	Hirose	DF17(4.0)-50DP-0.5V(57)
CONN Header 5x2	CNC Tech	3220-10-0100-00
CONN Header 3x2	CNC Tech	3220-06-0100-99
1uH	Coilcraft	XAL4020-102ME
CHOKE CM	TDK Corporation	ACM70V-701-2PL-TL00
2.6A	TYCO RAYCHEM	MINISMDC260F-2
562K	Vishay Dale	CRCW0402562KFKED
10K	Vishay Dale	CRCW040210K0FKED
0E	Vishay Dale	CRCW04020000Z0ED
150K	Vishay Dale	CRCW0402150KFKED
470E	Vishay Dale	CRCW0402470RFKED
10K	Vishay Dale	CRCW040210K0FKED
2.21K	Vishay Dale	CRCW04022K21FKEDC
0E	Vishay Dale	CRCW04020000Z0ED
33.2E	Vishay Dale	CRCW040233R2FKEDC
EVQ-P7L01P	Panasonic Electronic Components	EVQ-P7L01P
TPS62135RGXR	Texas Instruments	TPS62135RGXR
TPS22975DSGR	Texas Instruments	TPS22975DSGR
ESP_WROOM32	ESPRESSIF	ESP32-WROOM-32D
TLV803SDBZR	Texas Instruments	TPS22975DSGR
TCA9539RTWR	Texas Instruments	TCA9539RTWR

SN74LVC2G07DBVR	Texas Instruments	SN74LVC2G07DBVR
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PCB Footprint	Package	Install
CC0805	805	
CAPC1005X55N_A	402	
CC0603	603	
CAPC1005X55N_A	402	
CAPC1005X55N_A	402	
CAPC1005X55N_A	402	
CC0603	603	
cap_d3l_3528_smt	B2-3528	
smb	SMB	
PowerDI5	PowerDI™ 5	
SMT_SIDE_LED_2P	SMT_TOP_LED	
IND_0603	603	
IND_0402	402	
JACK_PWR_RA	CONNECTOR	
HDR216_HRS	CONNECTOR	
DC3-10P-1P27	CONNECTOR	
DC3-6P-1P27	CONNECTOR	
XAL4020	4x4x2_1mm	
choke_4p	CHOCKE_4P	
cap1812	PTC	
RESC1005X40N_A	402	
RESC1005X40N_A	402	
RESC1005X40N_A	402	
RESC1005X40N_A	402	
RESC1005X40N_A	402	
RESC1005X40N_A	402	
RES0402_OPT	402	
RESC1005X40N_A	402	
RES0402_OPT	402	
RESC1005X40N_A	402	
EVQ-P7L01P	EVQ-P7L01P	
VQFN-HR-11P	VQFN-HR-11P	
WSON-8P	WSON-8P	
ESP32_WROOM32D_ANT	ESP32-MODULE	
sot-23_tlv803sdbzr	WSON-8P	
QFN24	QFN24	

SOT23-6	SOT23-6	
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