Lista de Materiais

Projeto: Virtus CC
Arquivo: PCB_Project_Source_IoT.BomDoc
Versão: v.0.1
Data: 11/11/2024
Contato:

Item	Quantity	Designator	Manufacturer Part Number	Description	Supplier 1	Supplier Part Number 1	Supplier Stock 1	Supplier Unit Price 1	Supplier Subtotal 1
1	4	C1, C5, C7, C9	CL21B104KACNNNC	CAP CER 0.1UF 25V X7R 0805	Digikey	1276-1099-1-ND	329324	USD 0,03	USD 0,31
2	2	C2, C3	CL21A226MAYNNNE	CAP CER 22UF 25V X5R 0805	Digikey	1276-CL21A226MAYNNNECT-ND	900030	USD 0,26	USD 0,52
3	1	C4	CL31A106KBHNNNE	CAP CER 10UF 50V X5R 1206	DigiKey	1276-2876-1-ND	1103273	USD 0,36	USD 0,36
4	2	C6, C8	C2012X5R1E475K125AB	CAP CER 4.7UF 25V X5R 0805	Digikey	445-4116-1-ND	2068027	USD 0,27	USD 0,54
5	1	CONN1	TSW-101-07-G-D	CONN HEADER VERT 2POS	Digikey	SAM1028-01-ND	3845	USD 0,69	USD 0,69
6	5	D1, D3, D7, D13, D14	LTST-C170GKT	LED GREEN CLEAR SMD	Digikey	160-1179-1-ND	648803	USD 0,24	USD 1,20
7	2	D2, D15	MMSZ5245B-TP	DIODE ZENER 15V 500MW SOD123	Digikey	MMSZ5245B-TPMSCT-ND	599861	USD 0,10	USD 0,20
8	1	D4	SMBJ28CAQ-13-F	TVS DIODE 28VWM 45.4VC SMB	Digikey	SMBJ28CAQ-13-FDICT-ND	70366	USD 0,29	USD 0,29
9	5	D5, D6, D10, D11, D12	MBR120VLSFT1G	DIODE SCHOTTKY 20V 1A SOD123FL	Digikey	MBR120VLSFT1GOSCT-ND	39177	USD 0,41	USD 2,05
10	1	D8	SMAJ5.0A-13-F	TVS DIODE 5VWM 9.2VC SMA	Digikey	SMAJ5.0A-E3/61GICT-ND	377634	USD 0,22	USD 0,22
11	1	D9	LTST-C171TBKT	LED BLUE CLEAR CHIP SMD	Digikey	160-1645-1-ND	30651	USD 0,32	USD 0,32
12	1	D16	SMBJ6.0CA-TR	TVS DIODE 6VWM 10.3VC SMB	Digikey	497-7454-1-ND	6349	USD 0,47	USD 0,47
13	4	J1, J4, J5, J8	5447861	TERM BLOCK PLUG 2POS STR 3.81MM	Digikey	277-11343-ND	112594	USD 1,34	USD 5,36
14	4	J2, J3, J6, J7	5444262	TERM BLOCK HDR 2POS 90DEG 3.81MM	Digikey	277-11313-ND	197636	USD 0,70	USD 2,80
15	1	L1	1255AY-4R7M=P3	FIXED IND 4.7UH 4A 23 MOHM SMD	Digikey	587-2969-1-ND	1804	USD 0,42	USD 0,42
16	2	R1, R8	CRGCQ0805F100K	RES 100K OHM 1% 1/8W 0805	Digikey	A129773CT-ND	238357	USD 0,10	USD 0,20
17	5	R2, R6, R10, R14, R15	CRGCQ0805J470R	RES 470 OHM 5% 1/8W 0805	Digikey	A130132CT-ND	814565	USD 0,03	USD 0,27
18	3	R3, R7, R16	RC0805FR-0710KL	RES 10K OHM 1% 1/8W 0805	Digikey	311-10.0KCRCT-ND			
19	1	R4	RC0805FR-071KL	RES 1K OHM 1% 1/8W 0805	Digikey	311-1.00KCRCT-ND	1463859	USD 0,10	USD 0,10
20	1	R5	ERJ-6ENF2001V	RES SMD 2K OHM 1% 1/8W 0805	DigiKey	P2.00KCCT-ND	134954	USD 0,11	USD 0,11
21	1	R9	RC0805FR-071ML	RES 1M OHM 1% 1/8W 0805	Digikey	311-1.00MCRCT-ND	91345	USD 0,10	USD 0,10
22	1	R11	RC0805FR-07270KL	RES 270K OHM 1% 1/8W 0805	Digikey	311-270KCRCT-ND			
23	1	R12	RC0805FR-0716KL	RES 16K OHM 1% 1/8W 0805	Digikey	311-16.0KCRCT-ND	149233	USD 0,10	USD 0,10
24	1	R13	RC0805FR-13330KL	RES 330K OHM 1% 1/8W 0805	Digikey	13-RC0805FR-13330KLCT-ND	22156	USD 0,10	USD 0,10
25	2	T1, T4	DMP4065S-7	MOSFET P-CH 40V 2.4A SOT23	Digikey	DMP4065S-7DICT-ND	31893	USD 0,32	USD 0,64
26	1	T2	DDTC143ZCA-7-F	TRANS PREBIAS NPN 200MW SOT23-3	Digikey	1727-3045-1-ND	181441	USD 0,10	USD 0,10
27	1	T3	PJA3415_R1_00001	MOSFET P-CHANNEL 20V 4A SOT23	Digikey	3757-PJA3415_R1_00001CT-ND	6943	USD 0,23	USD 0,23
28	1	U1	AP63205WU-7	IC REG BUCK 5V 2A TSOT23-6	Digikey	AP63205WU-7DICT-ND	16299	USD 1,32	USD 1,32
29	1	U2	MCP73831T-2ACI/OT	IC BATT CNTL LI-ION 1CEL SOT23-5	Digikey	MCP73831T-2ACI/OTCT-ND	94379	USD 0,76	USD 0,76
30	1	U3	TLV7031QDBVRQ1	AUTOMOTIVE NANO POWER COMPARATOR	Digikey	296-TLV7031QDBVRQ1CT-ND	14235	USD 0,72	USD 0,72
31	1	U4	LM4041DYM3-1.2-TR	IC VREF SHUNT 1% SOT23-3	Digikey	576-2572-1-ND	40272	USD 0,36	USD 0,36
	59								**USD 20,86**