AIoT DaaN   v2   5/5/2019

Item	Quantity	Reference	Part	Footprint	Mfg	Mfg P/N	Vendor	Vendor P/N	Gtech P/N	Notes
1	12	C1, C2, C3, C5, C6, C7, C8, C9, C10, C13, C14, C15	CAP CER 0.1UF 50V X7R	0402	Murata	GRM155R71H104KE14D	LCSC	C77020		
2	3	C4, C16, C17	CAP CER 10UF 10V X7R	0805	Murata	GRM21BR71A106KE51L	LCSC	C86038		
3	2	C11, C12	CAP CER 47PF 50V C0G,NP0	0402	Murata	GRM1555C1H470JA01D	LCSC	C76970		
4	1	F1	PTC Resettable Fuses	1206	Brightking	SMD1206B025TF/24	LCSC	C269113		
5	4	J1, J2, J3, J4	2X10-PIN Male Header	0.1"						Not installed
6	2	J5, J6	6-PIN Male Header	1.27MM						Not installed
7	4	K1, K2, K3, K4	Tactile Switches SPST	2-SMD	Omron	B3U-1000P	LCSC	C231329		
8	1	LED1	Light Emitting Diodes (LED) Yellow	0402	Everlight	16-213UYC/S530-A2/TR8	LCSC	C136118		
9	1	LED2	Light Emitting Diodes (LED) Blue	0402	Everlight	16-213/BHC-AN1P2/3T	LCSC	C131223		
10	2	Q1, Q2	Transistors NPN 100mA 45V	SOT-23-3	Nexperia	BC847B,215	LCSC	C57668		
11	1	R1	RES SMD 100K OHM 1% 1/16W	0402	Yageo	RC0402FR-07100KL	LCSC	C60491		
12	2	R2, R3	RES SMD 2K2 OHM 1% 1/16W	0402	Yageo	RC0402FR-072K2L	LCSC	C114762		
13	2	R4, R5	RES SMD 12K OHM 1% 1/16W	0402	Yageo	RC0402FR-0712KL	LCSC	C114760		
14	2	R6, R7	RES SMD 27 OHM 1% 1/16W	0402	Yageo	RC0402FR-0727RL	LCSC	C138021		
15	2	R8, R9	RES SMD 5.1 OHM 1% 1/16W	0402	Yageo	RC0402FR-075K1L	LCSC	C105872		
16	1	U1	Sipeed MAIX-I module WiFi	72-SMD	SEEED	114991684	MOUSER	713-114991684		
17	1	U2	USB Interface IC USB	QFN-20	FTDI	FT231XQ-R	MOUSER	895-FT231XQ-R		
18	1	U3	Low Dropout Regulators(LDO) 3.3V 800mA	SOT-223	Texas	LM1117MPX-3.3/NOPB	LCSC	C9662		
19	1	USB1	USB Connectors 24 Receptacle 1 Plugin	24-SMD	MOLEX	105450-0101	LCSC	C134092		