

BOM of ATMOSIC MP DOWNLOAD_V6

2023/7/31

Item	Quantity	Reference	Manufacture	PCB Footprint	Value	Part Number
1	1	C1	Yellow Stone	EC8.3	470uF/25V	GR470M25W0814
2	18	C2,C9,C25,C26,C28,C30, C32,C34,C36,C38,C40,C44, C45,C52,C53,C54,C55,C107	Murata Electronics	0402	0.1uF	GRM155R71H104KE14D
3	5	C3,C6,C10,C16,C19	Murata Electronics	0402	10uF	GRM155R60J106ME15D
4	8	C5,C7,C8,C11,C17,C20, C101,C106	Murata Electronics	0402	1uF	GRM155R61C105KA12
5	5	C27,C31,C33,C37,C39	Murata Electronics	0402	4.7uF	GRM155R60J475ME47D
6	2	C29,C35	TDK Corporation	0603	3.3uF	C1608JB1C335K080AC
7	6	C46,C47,C58,C99,C108, C109	WALSIN	0402	27pF	0402N270J500CT
8	1	C104	WALSIN	0402	68pF	0402N680J500CT
9	3	DS1,DS2,DS3	Lite-On Inc.	LED-0603	BLUE LED	LTST-C191TBKT
10	4	DS4,DS5,DS6,DS12	Lite-On Inc.	LED-0603	RED LED	LTST-C191KRKT
11	6	JP3,JP56,JP57,JP58,JP59, JP60	Amphenol FCI	HDR1X3	3P	68001-203HLF
12	11	JP5,JP6,JP7,JP10,JP11, JP12,JP14,JP18,JP46,JP54, JP55	Amphenol ICC (FCI)	HDR1X2	JUMPER-2	68000-102HLF
13	1	J1	Sullins Connector Solutions	HDR10X2-RT-MATE	HEADER 10X2 RA	SFH11-PBPC-D10-RA-BK
14	3	L1,L4,L6	Fuxetec	0805	FSMD020-0805-R	FSMD020-0805-R
15	2	L10,L11	Murata Electronics	0402	15uH	BLM15KD300SN1D
16	3	Q1,Q13,Q15	Nexperia USA Inc.	SOT23	NX2301P	NX2301P,215
17	5	Q4,Q11,Q12,Q14,Q16	ON Semiconductor	SOT23	NTR4170N	NTR4170NT1G
18	4	R1,R2,R3,R32	WALSIN	0402	2K	WR04X2001FTL
19	9	R4,R5,R6,R28,R85,R89,R90, R116,R118	WALSIN	0402	1K	WR04X1001FTL
20	17	R8,R10,R29,R30,R31,R33, R55,R56,R64,R80,R82,R92, R93,R94,R109,R119,R120	WALSIN	0402	10K	WR04X1002FTL
21	3	R9,R96,R99	YAGEO	0402	18K/0.1%	RT0402BRE0718KL
22	1	R11	Panasonic Electronic	0402	24.9K/0.1%	ERA-2AEB2492X
23	2	R12,R123	Panasonic Electronic	0402	5.6K/0.1%	ERA-2AEB562X
24	1	R14	Panasonic Electronic	0402	10K/0.1%	ERA-2AEB103X
25	1	R25	WALSIN	0402	12K	WR04X1202FTL
26	1	R26	WALSIN	0402	470	WR04X4700FTL
27	2	R39,R40	TA-I	0402	10	RM04FTN10R0
28	1	R42	Vishay	0402	4.32K/0.1%	TNPW04024K32BEED
29	9	R43,R47,R51,R52,R53,R54, R57,R62,R122	YAGEO	0402	62	WR04X62R0FTL
30	1	R81	WALSIN	0402	100K	WR04X1003FTL
31	1	R84	WALSIN	0603	0	WR06X000 PTL
32	3	R87,R115,R117	YAGEO	0402	1M	RC0402JR-071ML
33	3	R97,R125,R127	Panasonic Electronic	0402	180/0.1%	ERA-2VEB1800X
34	1	R105	KOA	0402	1K/0.1%	RN73H1ETTP1001B25
35	1	R108	YAGEO	0402	200K	RC0402FR-07200KL
36	2	R111,R114	WALSIN	0402	0	WR04X0000FTL
37	2	R124,R126	Panasonic Electronic	0402	8.25K/0.1%	ERA-2AEB8251X
38	1	S1		SWI-SM-PTS645	SW-TACT-4P	
39	1	U1	CUI Devices	DCJACK-100	DCJACK-100	DCJACK-100
40	1	U2	ON Semiconductor	PSOP-8	NCP3334DADJR2G(500mA)	NCP3334DADJR2G
41	2	U6,U11	Texas Instruments	QFN-12-1.7X2_1	LSF0204	LSF0204RUTR
42	1	U7	FDTI	QFN-64-9X9MM-0.5	FT4232HQ	FT4232HQ
43	1	U8	Contact Technology Corp.	SUB-110H	SUB-110H	SUB-110H
44	1	U10	Microchip Technology	SOT23-6	93LC56BT	93LC56BT-I/OT
45	1	U12	ON Semiconductor	UDFN-8-1.8X1.2-0.4P	NLSV2T244	NLSV2T244MUTAG
46	2	U24,U25	Littelfuse Inc.	0603	PGB1010603	PGB1010603MR
47	1	VR1	RICHTEK	SOT23-5	RT9053AGB	RT9053AGB
48	2	VR2,VR3	Diodes Incorporated	SOT23-5	RT9053AGB	AP2127K-ADJTRG1
49	1	Y1	Kyocera	CRY-SMD4-3.2X2.5MM	K601F	CX3225SB12000H0FLJCC