

MX-GB01_MB V300 SMTBOMV04-200518		
产品型号:MX-GB01_MB V300		制作日期: 2020-04-07
序号	公司料号	规格
1	P00-GB01-00301	MX-GB01_MB V300 200402
2	I10-GD25-00201	GD25LB64CVIG (需烧录 BIOS)
3	I00-6258-00101	RT6258BGQUF
4	I00-6258-00201	RT6258CGQUF
5	I01-RT50-00201	RT5077AGQW
6	I00-RT96-00101	RT9610CGQW
7	I00-4603-00101	WS4603E-5/TR
8	I08-269Q-00101	ALC269Q-VC3-GR
9	R04-6K80-00101	SDNT1005X682J3950FTF
10	R01-OR00-00301	OR0201
11	R01-10R0-00301	10R0201
12	R01-33R0-00201	33R0201
13	R01-51R0-00201	51R0201
14	R01-56R0-00401	56R1%0201
15	R01-100R-00201	100R1%0201
16	R01-110R-00201	110R1%0201
17	R01-113R-00201	113R1%0201
18	R01-150R-00201	150R1%0201
19	R01-200R-00201	200R1%0201
20	R01-220R-00301	220R1%0201
21	R01-240R-00301	240R1%0201
22	R01-470R-00201	470R0201
23	R01-1KR0-00401	1KR1%0201
24	R01-2K20-00301	2.2KR1%0201
25	R01-4K70-00201	4.7KR1%0201
26	R01-10K0-00201	10KR1%0201
27	R01-20K0-00301	20KR1%0201
28	R01-22K0-00301	22KR1%0201
29	R01-47KR-00301	47KR1%0201
30	R01-100K-00301	100KR1%0201

31	R01-200K-00301	200KR1%0201
32	R01-150K-00301	150KR1%0201
33	R01-330K-00301	330KR0201
34	R01-470K-00301	470KR1%0201
35	R01-1MR0-00201	1MR0201
36	R01-10M0-00401	10MR0201
37	R01-0R00-00101	0R0402
38	R01-10R0-00401	10R0402
39	R01-39R0-00101	39R1%0402
40	R01-75R0-00101	75R1%0402
41	R01-100R-00101	100R1%0402
42	R01-150R-00101	150R1%0402
43	R01-866R-00101	866R1%0402
44	R01-1KR0-00101	1KR1%0402
45	R01-1K1R-00101	1. 1KR1%0402
46	R01-1K2R-00101	1. 2KR1%0402
47	R01-2R20-00401	2. 2R0402
48	R01-2K9R-00101	2. 94KR1%0402
49	R01-4K64-00101	4. 64KR1%0402
50	R01-10K0-00101	10KR1%0402
51	R01-19K6-00101	19. 6KR1%0402
52	R01-22K0-00201	22KR1%0402
53	R01-38K3-00101	38. 3KR1%0402
54	R01-39K2-00101	39. 2KR1%0402
55	R01-47KR-00101	47KR1%0402
56	R01-100K-00101	100KR1%0402
57	R01-340K-00101	340KR1%0402
58	R01-422K-00101	422KR1%0402
59	R01-0R00-00201	0R
60	R01-2R20-00101	2. 2R1%
61	R01-0R00-00401	0R0805
62	C01-6P80-00201	6. 8P50N0201
63	C01-10P0-00201	10P50N0201
64	C01-15P0-00201	15P50N0201
65	C01-1KP0-00701	1000P50N0201

66	C01-2K2P-00301	2200P50N0201
67	C01-001U-00701	0.01U16X0201
68	C01-01U0-00901	0.1U6.3X0201
69	C01-01U0-00701	0.1U10X0201
70	C01-01U0-00201	0.1U16X0201
71	C01-1U00-00901	1U10X0201
72	C01-1U00-00501	1U6.3X0201
73	C01-47P0-00101	47P50N0402
74	C01-100P-00101	100P50N0402
75	C01-470P-00101	470P50N0402
76	C01-560P-00101	560P50N0402
77	C01-2K7P-00101	2700P50N0402
78	C01-22N0-00101	22N50X0402
79	C01-01U0-00101	0.1U16X0402
80	C01-01U0-00301	0.1U25X0402
81	C01-022U-00601	0.22U10X0402
82	C01-1U00-00101	1U10X0402
83	C01-1U00-01001	1U25X0402
84	C01-2U20-00101	2.2U10X0402
85	C01-4U70-00201	4.7U6.3X0402
86	C01-4U70-00101	4.7U10X0402
87	C01-10U0-00401	10U6.3X0402
88	C01-4U70-00301	4.7U10X
89	C01-10U0-00201	10U10X

90	C01-22U0-00201	22U6. 3X
91	C01-22U0-00101	22U10X
92	C01-47U0-00401	47U6. 3X0805
93	C01-22U0-00301	22U25X0805
94	C02-220U-00101	PSLB20E227M
95	B04-54CW-00101	BAT54C
替代料	B04-BAT5-00201	BAT54C-7-F
96	B04-SUP5-00101	SUP520S-30
97	B04-SUP5-00301	SUP5520F
替代料	B04-BAT5-00101	BAT54A
98	F02-PESD-00301	PESDNC2FD24VB
替代料	B09-5401-00101	ESD5401N-2/TR
99	B09-541D-00101	ST0541D4
100	I11-HC2F-00101	PESDHC2FD7VU
替代料	B09-9X7V-00101	ESD9X7V-2T
101	B09-24D2-00101	ST0524D25
102	G01-2200-00101	UPZ1608U220-6R0TF
103	N01-TC30-00101	SUB-TC3001C
104	B07-C193-00201	LTST-C193SBKT-5A
105	L02-1U50-00801	PSPMAA0518C-1R5M-ANP
106	L02-2R2M-00601	CCCA-0518-2R2-M
107	L02-R47M-00301	MWSA0412-R47MT
108	L02-022U-00401	CCCA-0618-R22-M
109	L02-1U00-00901	MPIT4018-1ROM-LF
110	L03-90R0-00301	MCM1012B900F06BP
111	I00-7106-00101	JW7106DFND#TRPBF
替代料	I00-FA76-00201	FA76030TR
112	F02-1GS6-001YY	HR8031GS6
113	F02-0V01-00101	PNM723T30V01
替代料	B08-3043-00101	LNTK3043NT5G

114	F02-HP8K-00101	HP8K24TB
115	B08-HR83-00101	HR8330GQ4
116	F02-CJ31-00101	CJ3134K
117	B08-HR80-00101	HR8039GQ4
118	J01-1912-00401	J3S19M2000FFE11
119	J01-3212-00901	X1A0000610002xx
替代料	J01-3212-00401	9H03200012-32.768K
120	N12-30DS-00101	DF40C-30DS-0_4V_51
121	N12-40DS-00101	DF40C-40DS-0_4V_51
122	N04-0208-00201	50801W00-2PA-S-5A-HF-R
123	N06-7511-00201	HD-MI19-75112500-01-0A
124	N08-1135-00101	STS-1135
125	A00-J4115-00101	J4115
126	E02-128G-00201	JWC78
替代料	E02-128G-00101	NCEMASLD-128G(需烧录)
替代料	E02-128G-00301	SDINBDA4-128G(需烧录)
127	D00-366-00501	MT53B384M64D4-062
128	M00-9461-00101	9461D2W

订单号: 20200407002
修订日期: 2020-05-18
描述
PCB, MX-GB01_MB V300 20200402, FR4, 沉金, 黑油, 白色丝印
IC, FLASH, SERIAL MULTI I/O, 64M Bit, 1.8V, VSOP 208mil
IC, RT6258BGQUF, synchronous buck converter, 8A, 3.3V OUTPUT, RICHTEK
IC, RT6258CGQUF, synchronous buck converter, 8A, 5.1V OUTPUT, RICHTEK
PMIC, RT5077AQW, Gemini Lake, In5V~23V, WQFN-52L 6x6 (W-Type), SMD, H=0.8mm, -40° C~85° C
IC, DC-DC Buck MOSFET Driver, 4A, WDFN-8L 2x2, RT9610CGQW, RICHTEK
IC, 电流限制开关, 2A, SOT-23-5L, WS4603E-5/TR, WILL SEMICONDUCTOR
AUDIO, CODEC, HDA, ALC269, MQFN48
电阻, NTC电阻, 6.8K, 5%, 1/20W, SMD, 0402, SDNT1005X682J3950FTF, SUNLORD
RES D, 0201, 0 OHM, 5%, 1/20W
RES D, 0201, 10 OHM, 5%, 1/20W
RES D, 0201, 33 OHM, 5%, 1/20W
RES D, 0201, 51 OHM, 5%, 1/20W
RES_D, 0201, 56 OHM, 1%, 1/20W
RES D, 0201, 100 OHM, 1%, 1/20W
RES_D, 0201, 110 OHM, 1%, 1/20W
RES D, 0201, 113 OHM, 1%, 1/20W
RES D, 0201, 150 OHM, 1%, 1/20W
RES D, 0201, 200 OHM, 1%, 1/20W
RES D, 0201, 220 OHM, 1%, 1/20W
RES D, 0201, 240 OHM, 1%, 1/20W
RES D, 0201, 470 OHM, 5%, 1/20W
RES D, 0201, 1 kOHM, 1%, 1/20W
RES D, 0201, 2.2 kOHM, 1%, 1/20W
RES D, 0201, 4.7 kOHM, 1%, 1/20W
RES D, 0201, 10 kOHM, 1%, 1/20W
RES D, 0201, 20 kOHM, 1%, 1/20W
RES D, 0201, 22 kOHM, 1%, 1/20W
电阻, 贴片电阻, 47K, 1%, 1/20W, SMD, 0201
RES D, 0201, 100 KOHM, 1%, 1/20W

RES D, 0201, 200 KOHM, 1%, 1/20W
RES D, 0201, 150 KOHM, 1%, 1/20W
RES D, 0201, 330 KOHM, 5%, 1/20W
RES D, 0201, 470 KOHM, 1%, 1/20W
RES D, 0201, 1 MOHM, 5%, 1/20W
RES D, 0201, 10 MOHM, 5%, 1/20W
RES D, 0402, 0 OHM, 5%, 1/16W
RES D, 0402, 10 OHM, 5%, 1/16W
RES D, 0402, 39 OHM, 1%, 1/16W
RES D, 0402, 75 OHM, 1%, 1/16W
RES_D, 0402, 100 OHM, 1%, 1/16W
RES_D, 0402, 150 OHM, 1%, 1/16W
RES D, 0402, 866 OHM, 1%, 1/16W
RES D, 0402, 1 KOHM, 1%, 1/16W
RES D, 0402, 1.1 KOHM, 1%, 1/16W
RES D, 0402, 1.2 KOHM, 1%, 1/16W
RES D, 0402, 2.2 OHM, 5%, 1/16W
RES D, 0402, 2.94 KOHM, 1%, 1/16W
RES D, 0402, 4.64 KOHM, 1%, 1/16W
RES D, 0402, 10 KOHM, 1%, 1/16W
RES D, 0402, 19.6 KOHM, 1%, 1/16W
RES D, 0402, 22 KOHM, 1%, 1/16W
RES D, 0402, 38.3 KOHM, 1%, 1/16W
RES D, 0402, 39.2 KOHM, 1%, 1/16W
RES D, 0402, 47 KOHM, 1%, 1/16W
RES D, 0402, 100 KOHM, 1%, 1/16W
RES D, 0402, 340 KOHM, 1%, 1/16W
RES D, 0402, 422 KOHM, 1%, 1/16W
RES D, 0603, 0 OHM, 5%, 1/10W
RES D, 0603, 2.2 OHM, 1%, 1/10W
RES D, 0805, 0 OHM, 5%, 1/8W
CAPC, COG, 0201, 6.8 PF, 50V, +/-0.25PF
CAPC, COG, 0201, 10 PF, 50V, +/- 5%
CAPC, COG, 0201, 15PF, 50V, +/- 5%
CAPC, X7R, 0201, 1000PF, 50V, +/- 10%

CAPC, X5R, 0201, 2200 PF, 50V, +/-10%
CAPC, X5R, 0201, 0. 01UF, 20%, 16V
CAPC, X5R, 0201, 0. 1 UF, 6. 3V, +/-20%
CAPC, X5R, 0201, 0. 1 UF, 10V, +/-20%
CAPC, X5R, 0201, 0. 1UF, 16V, +/-20%
CAPC, X5R, 0201, 1. 0UF, 10V, 20%
CAPC, X5R, 0201, 1 UF, 6. 3V, +/-20%
CAPC, COG, 0402, 47 PF, 50V, +/- 5%
CAPC, COG, 0402, 100PF, 50V, +/- 5%
CAPC, X7R, 0402, 470 PF, 50V, +/- 10%
CAPC, COG, 0402, 560 PF, 50V, +/- 10%
CAPC, X7R, 0402, 2700PF, 50V, +/- 10%
CAPC, X5R, 0402, 22 nF, 50V, +/-20%
CAPC, X5R, 0402, 0. 1UF, 16V, +/-20%
CAPC, X5R, 0402, 0. 1UF, 25V, +/-20%
CAPC, X5R, 0402, 0. 22UF, 10V, +/-20%
CAPC, X5R, 0402, 1. 0UF, 10V, 20%
CAPC, X5R, 0402, 1UF, 25V, +/-20%
CAPC, X5R, 0402, 2. 2UF, 10V, +/-20%
CAPC, X5R, 0402, 4. 7UF, 6. 3V, +/-20%
CAPC, X5R, 0402, 4. 7UF, 10V, +/-20%
CAPC, X5R, 0402, 10UF, 6. 3V, +/- 20%
CAPC, X5R, 0603, 4. 7UF, 10V, 20%
CAPC, X5R, 0603, 10UF, 10V, +/- 20%

CAPC, X5R, 0603, 22UF, 6.3V, +/- 20%
CAPC, X5R, 0603, 22UF, 10V, +/-20%
CAPC, X5R, 0805, 47UF, 6.3V, +/- 20%
CAPC, X5R, 0805, 22UF, 25V, +/- 20%
Poscap, 220uF 2.5V 3528 ESR=35mΩ, PSLB20E227M
Diode SMD BAT54C SOT-23
Diode, BAT54C-7-F SOT-23
二极管SOD-523, SUP520S-30
Diode, 200mA 30V SUP5520F
Diode, 200mA 30V BAT54A
二极管, TVS, DFN1006-2L, PESDNC2FD24VB
二极管, TVS, DFN1006-2L, ESD5401N-2/TR, WILL SEMICONDUCTOR
ESD, DFN1006-2 5V 2.5-3.5P, 双极性
IC, TVS, 1 LINE, 8.2V, DFN1006-2L SMD
二极管, 单极性ESD Suppressor, 65pF(Max), VDC=8.0V, ±30kV/±30kV, 1.0mm*0.6mm*0.5mm(0402), F
二极管, 双极性ESD Suppressor, 4-LINES, 0.3pF(Max), VBR=6.4-9V, ±18kV/±10kV, DFN2510-10, STC
FER-BEAD, 0603, 22.00HM, 6.0A, +/-25%
Conn, USB Type C3.1 插板式, 耐高温, SMT, 瀚诚兴
二极管, 单色LED, 蓝色, Vfmax=2.65V@If=10mA, 1.6*0.8*0.35mm, LTST-C193SBKT-5A, LITE-ON
INDCT, 1.5uH, ±20%, DCR:26mΩ Rated Idc=7A Isat=8A, 5.4*5.2mm, H=1.6mm, PSPMAA0518C-1R5M-A
INDCT, CCA-0518-2R2-M, 2.2uH, 4.6A, 30mOHM, 7.0*6.6*1.8mm
一体成型功率电感, 0.47uH, ±20%, Isat=6.8A, DCR=21mΩ, 4.4*4.2*1.2mm, MWSA0412-R47MT, 顺络
0.22uH, ±20%, I-rms=16A, I-sat=26A, DCR=2.5mohm, 7*6.6*1.6mm, CCA-0618-R22-M
1.0uH, ±20%, IR=3.4A, DCR=0.03R, 4*4*1.8mm, MPIT4018-1ROM-LF, 麦捷
共模电感 90Ω 0.30A DCR0.6Ω 4Pin LxWxH=1.25x1.0x0.6mm MCM1012B900F06BP, UN Semiconduc
IC, SWITCH, 14MO LOAD, 6A, JW7106DFND#TRPBF, JWJOULWATT
IC, SWITCH, 14MO LOAD, 6A, FA76030TR
Mosfet P-MOS VGS+/-12V VGth -1.3V Max, HR8031GS6 SOT-23
Mosfet N-MOS 750mA VGS+/-20V VGth 1.5V Max, SOT23-723
晶体管, 场效应管, N-MOS, SOT725, LNTK3043NT5G

MOS, Dual N MOS, 12A
Mosfet 30V Dual Asymmetric N-Channel MOSFET, Vgs=20V, Id max Q1= 15A, Q2=18A, DFN3X3-8L, 3
Mosfet N-MOS 750mA VGS+/-12V VGth 1V Max, SOT23-723, CJ3134K
Mosfet, P-MOS, -30V, -10A, 15mΩ@-10V, DFN3X3-8L, 3x3mm, HR8039GQ4, HR
Crystal, 19.2M ±20PPM ±30PPM 12PF SMEC3225, J3S19M2000FFE11, 晶鸿兴
FC-12M, 32.768kHz, 12.5+20.0-20.0, EPSON, 极米微
CRY_32.768KHz_20PPM_12.5PF_2012_H1MM_SMD_9H03200012
Conn, 双排母座, 30PIN, PH=0.4mm, H=1.45mm, DF40C-30DS-0.4V(51), 耐高温, SMT, HRS
Conn, 双排母座, 40PIN, PH=0.4mm, H=1.45mm, DF40C-40DS-0.4V(51), 耐高温, SMT, HRS
线对板连接器, WTB_2PIN_0.8PITCH_H=2.275, 立式, 50801W00-2PA-S-5A-HF-R, 耐高温, SMT, 胜蓝
Conn, HDMI连接器, HXQK-HDMI-A型, 四插脚表贴式, HD-MI19-75112500-01-0A, 耐高温, SMT, 恒星兴
Switch, STS-1135, 侧按开关3X4mm, 耐高温, SMT, 瀚诚兴
CPU, J4115
EMMC, 5.0, JWC78, 128GB
EMMC, 128GB, NCEMASLD-128G
EMMC, 128GB, SDINBDA4-128G, SanDisk
LPDDR4, 3GB, 366Ball, 384M*16*4die, MT53B384M64D4-062, Micron
WIFI Module, Dual Band 802.11abgn+acR2 1*1, BT5.0, M.2 1216, Wireless-AC 9461D2W, Intel

成品料号：2P0GB0161280101		
成品规格：MX-GB01_MB V300 PCBA, J4115+6G+128GB+9461		REV:04
元件位号	用量	备注
PCB	1	
U2900	1	
U2000	1	
U2001	1	
U2200	1	
U2300, U2400	2	
U2500	1	
U2700	1	
RT2300	1	
R1004, R1038, R1052, R1077, R1078, R1079, R1090, R1091, R1202, R2305, R2310, R2405, R2506, R2707, R2801, R3302, R3310, R3311, R3312, R3313, R3314, R3609, R3621, R3623	24	
R2800, R2802, R2805	3	
R1005, R1006, R1007, R1011, R1012, R1013, R1014, R1022	8	
R1016, R1017, R1018, R1020	4	
R1029	1	
R1027	1	
R1024, R1025	2	
R1023	1	
R1015, R1019, R1026	3	
R1028, R1084	2	
R3625, R3628	2	
R1600, R1601, R1602, R1604, R1801, R1802, R1803, R1804	8	
R3400, R3401, R3402, R3403, R3404, R3405, R3406, R3407	8	
R1008, R1051, R1058, R1089, R1093, R1100, R2006, R2007, R2308	9	
R1099, R3417, R3418, R3421, R3422, R3443, R3611, R3624, R3627	10	
R1033, R1036, R1056, R1067, R1069, R1081, R1083, R2503, R1096	9	
R1034, R1047, R1061, R1080, R1092, R1097, R2202, R2206, R2217, R2309, R2704, R2705, R2804, R2900, R2901, R2902, R3304, R3305, R3316, R3423, R3629	21	
R1009, R1010, R2701, R2803	4	
R2712	1	
R2002, R2005	2	
R1050, R1098, R1201, R2001, R2004, R2201, R2204, R2213, R2216, R2504, R2806, R3416	12	

R1048	1	
R3600	1	
R1055	1	
R3602	1	
R3601, R3626	2	
R1049	1	
R2507, R2706, R2714, R2718, R2719, R2720, R2721, R3301, R3307	9	
R2000, R2003, R2207	3	
R2219	1	
R2702, R2703	2	
R1030	1	
R1076	1	
R2303	1	
R2218, R2708, R2711, R2717	4	
R2302	1	
R2710, R2716	2	
R2205, R2210, R2300, R2301, R2400, R2401, R2402, R2403	8	
R2304	1	
R2307	1	
R2511	1	
R2214	1	
R2709	1	
R2215	1	
R2700	1	
R2501	1	
R2514, R2723	2	
R2212	1	
R2211	1	
R2722, R3306	2	
R2500	1	
R3638	1	
C2801	1	
C2005, C2015, C2324, C2800	4	
C1023, C1024, C1025, C1026	4	
C1207, C2503	2	

C2326	1	
C1202, C3301, C3302, C3303	4	
C1903, C2014, C2023, C2035, C2200, C2707, C2714, C2733, C2804, C2806, C2808, C2810	12	
C1004, C1028, C1034, C1035, C1036, C1037, C1060, C1061, C1062, C1063, C1100, C1101, C2027, C2320, C2322, C2426, C3308, C3309, C3401, C3402, C3403, C3404, C3405, C3406, C3407, C3408, C3604	27	
C1906, C2202, C2221, C2222, C2319	5	
C2321, C2427	2	
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C2325	1	
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C3600	1	
C1204, C1206, C2006, C2016, C3310	5	
C2201, C2203	2	
C2716, C2721, C2722, C2802, C3400	5	
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C2026	1	
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C2702, C2703, C2726	3	
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FB2500, FB2700, FB2701	3	
J1701	1	
LED1	1	
L2000	1	
L2001	1	
L2300, L2400, L2401	3	
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L2402, L2403	2	
L3400, L3401, L3402, L3403	4	
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Q2300	1	
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Q2402, Q3400, Q3401, Q3402, Q3403, Q3600, Q3601, Q3602, Q3606, Q3607	10	
Q2500	1	
Y1000	1	
Y1001	1	
J1900	1	
J1901	1	
J2500	1	
J3400	1	
J3600	1	
U1000	1	
U2800	1	
		供应商烧录
U1600, U1801	2	
EU3300	1	