



Parts list for MD Quasar ARM

only for pcb rev. 0.5a BOX G1910 GAINTA ozzypcb.gmail.com

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	Label	Value	Package	Quantity
1	C1	100n	Metal Film 5mm or 0805 SMD	1
2	C2, C9, C32	4n7	SMD_0805	3
3	C3, C4	1000u 6,3V	max 8x10 mm	2
4	C5	33n	Metal Film 5mm or 0805 SMD	1
5	C6, C12, C17, C18, C19, C22, C23, C24, C25, C26, C34, C36, C38, C39, C40, C103	100n	SMD 0805	16
6	C7	22p	SMD 0805	1
7	C8	2u2	SMD 0805	1
8	C10, C11, C41, C42	15p	SMD 0805	4
9	C14, C33	470u 16V	max 8x10 mm	2
10	C15, C20, C30, C31, C102	1u	SMD 0805	5
	C43 must be change for best result	2,2u	SMD 0805	1
11	C16, C21, C27, C37, C100, C101	10u	SMD 0805	6
12	C104	4u7	SMD 0805	1
13	C105	100u 6,3V	Tantalum Cap Size B	1
14	C106	1n	SMD 0805	1
15	P100	MF-MSMF050-2	SMD_1812	1
16	Q1	IRF7105	SOIC-8/150mil	1
17	Q2, Q3, Q4	BC846	SOT-23	3
18	Q100, Q101	IRLML6402	SOT-23	2
19	Q102	IRLML2502	SOT-23	1
20	QZ1	8MHz	HC-49SM	1
21	R1, R4, R13	2k	SMD 0805	3
22	R2	10R или 5R1	Выводной 1Вт	1
23	R3, R33, R34	100 R	SMD 0805	3
24	R5, R9, R12, R106, R107	100k	SMD 0805	5
25	R6	1k2	SMD 0805	1
26	R7, R42	1R	SMD 1206	2
27	R8, R14, R16, R18, R19, R28, R29, R45, R46, R49, R104, R105	10k	SMD 0805	12
28	R10, R11, R17, R25, R30, R35, R101, R103	1k	SMD 0805	8
29	R15	390 R	SMD 0805	1
30	R20	18k	SMD 0805	1
31	R21	3k3	SMD 0805	1
32	R22, R23	4k7	SMD 0805	2
33	R27	10k	RM-065	1
34	R31	100 R	SMD 1206	1
35	R32	33k	SMD 0805	1
36	R38, R39	2R	SMD 0805	2
37	R47	22k	SMD 0805	1
38	R48	5k1	SMD 0805	1
39	R100	270 R	SMD 0805	1
40	R108	330k	SMD 0805	1
41	R109	220k	SMD 0805	1
42	U1	MCP6022	SOIC-8/150mil	1
43	U2	STM32F100C8T6B	QFP-48/9x9x0.5	1
44	U3, U5	LM1117-3.3	SOT-223	2
45	U4	AT24C08	SOIC-8/150mil	1
46	U6	WH1602B or ...	LCD 16x2	1
47	U7	MC34119	SOIC-8/150mil	1
48	U8	LM1117ADJ or LM1117-5.0	SOT-223	1
49	U9	KT0803L	SOIC-16/150mil	1
50	U10	LM321	SOT23-5	1
51	U100	LM1117-5.0 or LM1117-3.3	SOT-223	1
52	VD1, VD4, VD5, VD6, VD100	LL4148	SOD-80	5
53	VD2, VD3	ES1J	SMA	2
54	VD9	LED	SMD 0805	1
55	VD101	BAS85	SOD-80	1
56	X100	Uni SJ1-3515 SJ1-3555	Telephone jack 3.5 mm	1
57	ZQ2	32768 Hz	TC38H	1
58	B1, B2, B3, B4, B5, B6, B100	Tact Button	6x6 SMD H=19mm	7
59	кнопкачок черный 5mm/2,9mm (для такт. кнопок 6x6мм)			7

Для монтажа в корпус

1	Корпус	G1910	1
2	Динамик	TRI50N-C 50mm or 40mm, 50 Ohm	1
3	Шуруп	3x10	4
4	Стойка VP-3.6/3	L=3мм, Dвн=3,6мм, Dн=7мм	4
5	Стойка TFF-M2.5X5 или TFF-M2.5X8	L=5(8)мм M2,5	2
6	Болт	M2,5 L 3..4mm	2
7	Разъем питания	PC-G2.5 or MIC 332	1
8	Разъем датчика	MIC 335	1