

**Радио-86РК (maddev\*xlat version, rev. 0)**

Список деталей / Bill of Materials

**Конденсаторы / Capacitors**

Обозначение / Designator	Кол-во / Quantity	Номинал / Value	Аналог / Replacement	Примечания / Comment
C1	1	4.7uF/6V		Electrolytic capacitor
C2	1	0.47 uF		Ceramic capacitor
C3	1	47uF/15V		Electrolytic capacitor
C4	1	0.022 uF		Ceramic capacitor
C5	1	0.22uF		Ceramic capacitor
C6, C27	2	2200pF		Ceramic capacitor
C7, C8, C9, C10, C11, C12, C13, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25	18	0.1uF		Ceramic capacitor
C26	1	10uF/6.3V		Electrolytic capacitor
C28	1	*		Ceramic capacitor
C29	1	300pF		Ceramic capacitor

**Резисторы / Resistors**

Обозначение / Designator	Кол-во / Quantity	Номинал / Value	Аналог / Replacement	Примечания / Comment
R1	1	2k		1/4W resistor
R2, R4, R5, R6, R7, R8, R9, R10, R11	9	10k		1/4W resistor
R3, R15, R17, R32, R33, R36	6	1k		1/4W resistor
R12, R13	2	20k		1/4W resistor
R14, R20, R21, R22, R23, R24, R25, R26, R27, R28, R34	11	33		1/4W resistor
R16	1	680		1/4W resistor
R18	1	51		1/4W resistor
R19	1	150		1/4W resistor
R29	1	12k		1/4W resistor
R30	1	2.4k		1/4W resistor
R31	1	330		1/4W resistor
R35	1	*		1/4W resistor
R37	1	7.5k		1/4W resistor
R38	1	430		1/4W resistor

## Микросхемы / Integrated Circuits

Обозначение / Designator	Кол-во / Quantity	Номинал / Value	Аналог / Replacement	Примечания / Comment
D1	1	КР580ГФ24	8224	Clock generator and driver for 8080A CPU
D2	1	КР580ИК57	8257	Programmable DMA controller
D3	1	K155ИЕ4	SN7492N	Divide-by-Twelve Counter
D4	1	K155ЛИ1	SN7408N	Quadruple 2-Input Positive-AND Gate
D5	1	K155ЛП5	SN7486N	Quadruple 2-Input Exclusive-OR Gate
D6	1	КР580ВМ80А	8080А	8-bit N-channel microprocessor
D7	1	КР589ИР12	8212	8-bit input/output port
D8	1	КР580ВГ75	8275	Programmable CRT controller
D9	1	K155ЛН1	SN7404N	Hex Inverter
D10	1	K155ЛА3	SN7400N	Quadruple 2-Input Positive-NAND Gate
D11	1	K155ИД7	SN74138N	3-Line to 8-Line Decoder /
D12, D17	2	K573РФ2	2716	
D13	1	K155ТМ2	SN7474N	Dual D-Type Positive-Edge-Triggered Flip-Flop with Preset and Clear
D14, D20	2	КР580ИК55	8255	Programmable peripheral interface
D15	1	K155ИР13	SN74198N	8-Bit Shift Register
D16	1	K155ИР1	SN7495N	4-Bit Parallel-Access Shift Register
D18, D19	2	K555КП11	SN74LS257	Quadruple 2-Line to 1-Line Data Selector/Multiplexer with 3-State
D21	1	K140УД608	MC1456P	High-Performance Operational Amplifier
D22, D23, D24, D25, D26, D27, D28, D29	8	КР565РУ5	4164	64K X 1 bit dynamic RAM

## Диоды, транзисторы и кварцы / Miscellaneous components

Обозначение / Designator	Кол-во / Quantity	Номинал / Value	Аналог / Replacement	Примечания / Comment
V1, V3	2	KD503A	1N4148	Fast switching diode
V2	1	КТ315	2SA1175, 2N3904	NPN bipolaro transistor
Z1	1	16 MHz		Crystal resonator