



Ver.02

Radio-86PK

## СХЕМА ЭЛЕКТРИЧЕСКАЯ ПРИНЦИПИАЛЬНАЯ

Лист 2 з 10

# Микро-ЭВМ «РАДИО-86РК» 1986 - 2021

The image shows the layout of the circuit board for the Micro-86PK computer system. The board is densely populated with red traces, component pads, and various electronic components. Key labels and components include:

- Micro-ЭВМ «РАДИО-86РК» 1986 - 2021** (Micro-Computer «RADYO-86RK» 1986 - 2021) printed vertically in the center.
- СБРОС** (RESET) and **ПИТАНИЕ +5В** (POWER +5V) at the bottom left.
- ПЗУ «МОНИТОР» (BIOS)** (ROM MONITOR) and **D8 K580ВГ75** at the bottom center.
- Z1 16.000 MHz** (晶振) at the bottom center.
- V1 Н КД503А** (CPU) at the bottom center.
- HL1 510** (HOLD switch) at the bottom center.
- R1 0.47μF**, **R2 240K**, **C1 4.7μF** at the bottom center.
- СБРОС** (RESET) and **ПИТАНИЕ +12V** (POWER +12V) at the bottom right.
- ГНД** (GND) at the bottom right.
- 33 34 КОНТРОЛЛЕР ДИСКОВОДА** (DISK CONTROLLER) at the bottom right.
- ПЗУ ЗНАКОГЕНЕРАТОРА** (CHARACTER GENERATOR ROM) at the bottom right.
- ВЫБОР НАБОРА СИМВОЛОВ** (CHARACTER SET SELECTION) at the bottom right.
- 0000 03FF 0400 07FF** (CHARACTER CODES) at the bottom right.
- Х1 X2 1 2** (J1, J2, J3, J4) at the bottom right.
- А1 В1 0.068μF** (J1) at the top right.
- А2 В2 0.068μF** (J2) at the top right.
- А3 В3 0.068μF** (J3) at the top right.
- А4 В4 0.068μF** (J4) at the top right.
- Д1 К155ИР16**, **Д2 К580ВТ57**, **Д3 К155ИЕ4**, **Д4 К155ЛИ1**, **Д5 К155ЛП5**, **Д6 К580ВМ80А**, **Д7 К589ИР12**, **Д8 К580ВГ75**, **Д9 К155ЛН1**, **Д10 К155ЛА3**, **Д11 К155ИД7**, **Д12 К573РФ2**, **Д13 К155ТМ2**, **Д14 К580ВВ55**, **Д15 К155ИР13**, **Д16 К155ИР16**, **Д17 К573РФ2**, **Д18 К55КП11А**, **Д19 К155КП11А**, **Д20 К55КП11А**, **Д21 К140УД6А**, **Д22 К565РУ3**, **Д23 К565РУ3**, **Д24 К565РУ3**, **Д25 К565РУ3**, **Д26 К565РУ3**, **Д27 К565РУ3**, **Д28 К565РУ3**, **Д29 К565РУ3**, **Д30 К155ИД7**, **Д34 1K**, **Д35 10K**, **Д36 10K**, **Д37 10K**, **Д38 10K**, **Д39 10K**, **Д40 10K**, **Д41 10K**, **Д42 10K**, **Д43 10K**, **Д44 10K**, **Д45 10K**, **Д46 10K**, **Д47 10K**, **Д48 10K**, **Д49 10K**, **Д50 10K**, **Д51 10K**, **Д52 10K**, **Д53 10K**, **Д54 10K**, **Д55 10K**, **Д56 10K**, **Д57 10K**, **Д58 10K**, **Д59 10K**, **Д60 10K**, **Д61 10K**, **Д62 10K**, **Д63 10K**, **Д64 10K**, **Д65 10K**, **Д66 10K**, **Д67 10K**, **Д68 10K**, **Д69 10K**, **Д70 10K**, **Д71 10K**, **Д72 10K**, **Д73 10K**, **Д74 10K**, **Д75 10K**, **Д76 10K**, **Д77 10K**, **Д78 10K**, **Д79 10K**, **Д80 10K**, **Д81 10K**, **Д82 10K**, **Д83 10K**, **Д84 10K**, **Д85 10K**, **Д86 10K**, **Д87 10K**, **Д88 10K**, **Д89 10K**, **Д90 10K**, **Д91 10K**, **Д92 10K**, **Д93 10K**, **Д94 10K**, **Д95 10K**, **Д96 10K**, **Д97 10K**, **Д98 10K**, **Д99 10K**, **Д100 10K**, **Д101 10K**, **Д102 10K**, **Д103 10K**, **Д104 10K**, **Д105 10K**, **Д106 10K**, **Д107 10K**, **Д108 10K**, **Д109 10K**, **Д110 10K**, **Д111 10K**, **Д112 10K**, **Д113 10K**, **Д114 10K**, **Д115 10K**, **Д116 10K**, **Д117 10K**, **Д118 10K**, **Д119 10K**, **Д120 10K**, **Д121 10K**, **Д122 10K**, **Д123 10K**, **Д124 10K**, **Д125 10K**, **Д126 10K**, **Д127 10K**, **Д128 10K**, **Д129 10K**, **Д130 10K**, **Д131 10K**, **Д132 10K**, **Д133 10K**, **Д134 10K**, **Д135 10K**, **Д136 10K**, **Д137 10K**, **Д138 10K**, **Д139 10K**, **Д140 10K**, **Д141 10K**, **Д142 10K**, **Д143 10K**, **Д144 10K**, **Д145 10K**, **Д146 10K**, **Д147 10K**, **Д148 10K**, **Д149 10K**, **Д150 10K**, **Д151 10K**, **Д152 10K**, **Д153 10K**, **Д154 10K**, **Д155 10K**, **Д156 10K**, **Д157 10K**, **Д158 10K**, **Д159 10K**, **Д160 10K**, **Д161 10K**, **Д162 10K**, **Д163 10K**, **Д164 10K**, **Д165 10K**, **Д166 10K**, **Д167 10K**, **Д168 10K**, **Д169 10K**, **Д170 10K**, **Д171 10K**, **Д172 10K**, **Д173 10K**, **Д174 10K**, **Д175 10K**, **Д176 10K**, **Д177 10K**, **Д178 10K**, **Д179 10K**, **Д180 10K**, **Д181 10K**, **Д182 10K**, **Д183 10K**, **Д184 10K**, **Д185 10K**, **Д186 10K**, **Д187 10K**, **Д188 10K**, **Д189 10K**, **Д190 10K**, **Д191 10K**, **Д192 10K**, **Д193 10K**, **Д194 10K**, **Д195 10K**, **Д196 10K**, **Д197 10K**, **Д198 10K**, **Д199 10K**, **Д200 10K**, **Д201 10K**, **Д202 10K**, **Д203 10K**, **Д204 10K**, **Д205 10K**, **Д206 10K**, **Д207 10K**, **Д208 10K**, **Д209 10K**, **Д210 10K**, **Д211 10K**, **Д212 10K**, **Д213 10K**, **Д214 10K**, **Д215 10K**, **Д216 10K**, **Д217 10K**, **Д218 10K**, **Д219 10K**, **Д220 10K**, **Д221 10K**, **Д222 10K**, **Д223 10K**, **Д224 10K**, **Д225 10K**, **Д226 10K**, **Д227 10K**, **Д228 10K**, **Д229 10K**, **Д230 10K**, **Д231 10K**, **Д232 10K**, **Д233 10K**, **Д234 10K**, **Д235 10K**, **Д236 10K**, **Д237 10K**, **Д238 10K**, **Д239 10K**, **Д240 10K**, **Д241 10K**, **Д242 10K**, **Д243 10K**, **Д244 10K**, **Д245 10K**, **Д246 10K**, **Д247 10K**, **Д248 10K**, **Д249 10K**, **Д250 10K**, **Д251 10K**, **Д252 10K**, **Д253 10K**, **Д254 10K**, **Д255 10K**, **Д256 10K**, **Д257 10K**, **Д258 10K**, **Д259 10K**, **Д260 10K**, **Д261 10K**, **Д262 10K**, **Д263 10K**, **Д264 10K**, **Д265 10K**, **Д266 10K**, **Д267 10K**, **Д268 10K**, **Д269 10K**, **Д270 10K**, **Д271 10K**, **Д272 10K**, **Д273 10K**, **Д274 10K**, **Д275 10K**, **Д276 10K**, **Д277 10K**, **Д278 10K**, **Д279 10K**, **Д280 10K**, **Д281 10K**, **Д282 10K**, **Д283 10K**, **Д284 10K**, **Д285 10K**, **Д286 10K**, **Д287 10K**, **Д288 10K**, **Д289 10K**, **Д290 10K**, **Д291 10K**, **Д292 10K**, **Д293 10K**, **Д294 10K**, **Д295 10K**, **Д296 10K**, **Д297 10K**, **Д298 10K**, **Д299 10K**, **Д300 10K**, **Д301 10K**, **Д302 10K**, **Д303 10K**, **Д304 10K**, **Д305 10K**, **Д306 10K**, **Д307 10K**, **Д308 10K**, **Д309 10K**, **Д310 10K**, **Д311 10K**, **Д312 10K**, **Д313 10K**, **Д314 10K**, **Д315 10K**, **Д316 10K**, **Д317 10K**, **Д318 10K**, **Д319 10K**, **Д320 10K**, **Д321 10K**, **Д322 10K**, **Д323 10K**, **Д324 10K**, **Д325 10K**, **Д326 10K**, **Д327 10K**, **Д328 10K**, **Д329 10K**, **Д330 10K**, **Д331 10K**, **Д332 10K**, **Д333 10K**, **Д334 10K**, **Д335 10K**, **Д336 10K**, **Д337 10K**, **Д338 10K**, **Д339 10K**, **Д340 10K**, **Д341 10K**, **Д342 10K**, **Д343 10K**, **Д344 10K**, **Д345 10K**, **Д346 10K**, **Д347 10K**, **Д348 10K**, **Д349 10K**, **Д350 10K**, **Д351 10K**, **Д352 10K**, **Д353 10K**, **Д354 10K**, **Д355 10K**, **Д356 10K**, **Д357 10K**, **Д358 10K**, **Д359 10K**, **Д360 10K**, **Д361 10K**, **Д362 10K**, **Д363 10K**, **Д364 10K**, **Д365 10K**, **Д366 10K**, **Д367 10K**, **Д368 10K**, **Д369 10K**, **Д370 10K**, **Д371 10K**, **Д372 10K**, **Д373 10K**, **Д374 10K**, **Д375 10K**, **Д376 10K**, **Д377 10K**, **Д378 10K**, **Д379 10K**, **Д380 10K**, **Д381 10K**, **Д382 10K**, **Д383 10K**, **Д384 10K**, **Д385 10K**, **Д386 10K**, **Д387 10K**, **Д388 10K**, **Д389 10K**, **Д390 10K**, **Д391 10K**, **Д392 10K**, **Д393 10K**, **Д394 10K**, **Д395 10K**, **Д396 10K**, **Д397 10K**, **Д398 10K**, **Д399 10K**, **Д400 10K**, **Д401 10K**, **Д402 10K**, **Д403 10K**, **Д404 10K**, **Д405 10K**, **Д406 10K**, **Д407 10K**, **Д408 10K**, **Д409 10K**, **Д410 10K**, **Д411 10K**, **Д412 10K**, **Д413 10K**, **Д414 10K**, **Д415 10K**, **Д416 10K**, **Д417 10K**, **Д418 10K**, **Д419 10K**, **Д420 10K**, **Д421 10K**, **Д422 10K**, **Д423 10K**, **Д424 10K**, **Д425 10K**, **Д426 10K**, **Д427 10K**, **Д428 10K**, **Д429 10K**, **Д430 10K**, **Д431 10K**, **Д432 10K**, **Д433 10K**, **Д434 10K**, **Д435 10K**, **Д436 10K**, **Д437 10K**, **Д438 10K**, **Д439 10K**, **Д440 10K**, **Д441 10K**, **Д442 10K**, **Д443 10K**, **Д444 10K**, **Д445 10K**, **Д446 10K**, **Д447 10K**, **Д448 10K**, **Д449 10K**, **Д450 10K**, **Д451 10K**, **Д452 10K**, **Д453 10K**, **Д454 10K**, **Д455 10K**, **Д456 10K**, **Д457 10K**, **Д458 10K**, **Д459 10K**, **Д460 10K**, **Д461 10K**, **Д462 10K**, **Д463 10K**, **Д464 10K**, **Д465 10K**, **Д466 10K**, **Д467 10K**, **Д468 10K**, **Д469 10K**, **Д470 10K**, **Д471 10K**, **Д472 10K**, **Д473 10K**, **Д474 10K**, **Д475 10K**, **Д476 10K**, **Д477 10K**, **Д478 10K**, **Д479 10K**, **Д480 10K**, **Д481 10K**, **Д482 10K**, **Д483 10K**, **Д484 10K**, **Д485 10K**, **Д486 10K**, **Д487 10K**, **Д488 10K**, **Д489 10K**, **Д490 10K**, **Д491 10K**, **Д492 10K**, **Д493 10K**, **Д494 10K**, **Д495 10K**, **Д496 10K**, **Д497 10K**, **Д498 10K**, **Д499 10K**, **Д500 10K**, **Д501 10K**, **Д502 10K**, **Д503 10K**, **Д504 10K**, **Д505 10K**, **Д506 10K**, **Д507 10K**, **Д508 10K**, **Д509 10K**, **Д510 10K**, **Д511 10K**, **Д512 10K**, **Д513 10K**, **Д514 10K**, **Д515 10K**, **Д516 10K**, **Д517 10K**, **Д518 10K**, <

# Микро-ЭВМ «РАДИО-86РК» 1986 - 2021















