| | | |
|---|---|---|
| U1 | EPM7512AETC144 | CPLD |
| U2 | ATMEGA8A | Key |
| U3 | ATMEGA8A | AY Emu |
| U4 | LT1117CST-3.3 | Power |
| U5 | Z84C0010FEC | CPU |
| U6 | CY7C199 | SRAM Scandoubler |
| U7 | AT29C040 | Flash ROM |
| U8 | BS62LV1600 | SRAM |
| | | |
| Y1 | Active 28mHz | System Clock |
| Y2 | Active/Passive/Ceramic 25mHz | AY Emu Clock |
| Y3 | Active/Passive/Ceramic 16mHz | Key Clock |
| | | |
| XR1 | D-SUB DB15F MID | VGA Out |
| | | |
| J1 | 90131-0125  Molex | CPLD JTAG |
| J2 | 90131-0123  Molex | AY Emu AtMega8 JTAG |
| J3 | 90131-0123  Molex | Key AtMega8 JTAG |
| J4 | 0492250821  Molex | Micro SD Holder |
| J5 | DX4R005J91  JAE | Micro USB Power IN |
| J6 | stereo jack | Audio OUT |
| J7 | mini din 6 | PS/2 Keyboard |
| J8 | 644456-6  TE Connectivity | JOY Shield |
| J9 | 644456-5  TE Connectivity | UART Shield |
| | | |
| R1-7 | 10k | |
| R8 | 2k2 | |
| R9 | 47k | |
| R10 | 220 | |
| R11 | 150 | |
| R12 | 220 | |
| R13 | 150 | |
| R14 | 220 | |
| R15 | 150 | |
| R16 | 75 | |
| R17 | 75 | |
| R18 | 4k7 | |

| R19 | 4k7 | |
| --- | --- | --- |
| R20-23 | 470 | |
| R24 | 1k | |
| R25 | 220 | |
| R26 | 2k2 | |
| R28-35 | 10k | |
| | | |
| C1 | 10uF | |
| C2 | 100n | |
| C3 | 100n | |
| C4 | 47uF | |
| C5 | 10uF | |
| C6 | 10uF | |
| C7 | 1n | |
| C8 | 1n | |
| C9-18 | 100n | |
| | | |
| F1 | 0,5-1A | |
| | | |
| Q1 | 2PB709ASW | |
| | | |
| D1 | Led | 0603 |
| D2 | Led | 0603 |
| D3 | Led | 0603 |
| D4 | Led | 0603 |
| D5 | Led | 0603 |
| | | |
| S1-2 | EVQP4K03Q  Panasonic | |
| | | |