```
Notes from EKB @ Vogons
JP2 - keyboard type select:
1-2 pin33 of Jetkey BIOS to +5V via 1k\Omega;
2-3 pin33 of Jetkey BIOS to GND;
JP5: (why it is necessary is not clear, does not affect anything)
pin1 - pin23 of Jetkey BIOS;
pin2 - GND;
pin3 - pin24 of Jetkey BIOS;
===
JP9 - parity / ECC On/Off
JP10: Power Good
1-2 Detect from power supply;
2-3 Detect from board;
===
JP11: (gets the actual power good signal setting for ancient power supplies)
pin1 - power good;
pin2 - via 470 ohms to pin3 of JP10;
JP12 - Read RAM wait state 0/1
JP13 - FPU clock Fast/Slow (toggles the divider from the main clock)
===
Memory:
JPA1; JPB1; JPC1 - Memory control:
A1:
1-2 Takes 128 KB away, probably for either EMS Memory or shadow RAM;
2-3 - OFF;
B1:
```

1-2 Enabling the second memory bank;

2-3 - OFF;

C1:

1-2 - The volume of each memory chip is 256x1 kBit (or a multiple of this number if 4-bit, determines the type of matrix of each chip);

2-3 - The volume of each memory chip is 1024x1 kbit (or a multiple of this number if 4-bit);

As a result, if we assume that the connection of pins 1-2 is "0", and 2-3 is "1" we get the following:

A1 B1 C1

000-512kb;

100 - not supported;

110-896kB;

0 1 0 - 1024kb;

101-1920kB;

0 0 1 - 2048kb;

111-3968kB.

0 1 1 - 4096kB;

===

JPA/B/C - Software memory counting limit up to: 512kb, 640, 896, 1024kb, I didn't check for more.

It is useless to add SIPP/SIMM until you remove all DIP-memory, because the layout is parallel.

1 Mb RAM = JPA 2-3, JPB 1-2, JPC 2-3

2 Mb RAM = JPA Open, JPB 2-3, JPC Open

4 Mb RAM = JPA 2-3, JPB 1-2, JPC 1-2 link

Replaced the resistor R26 with 5 kOhm, instead of the standard 200-400 ohms. This improves compatibility with all keyboards (according to the GOST standard for agreeing the input-output of the DIN-5 keyboard connector). Resistor R26 is located near the coprocessor connector.