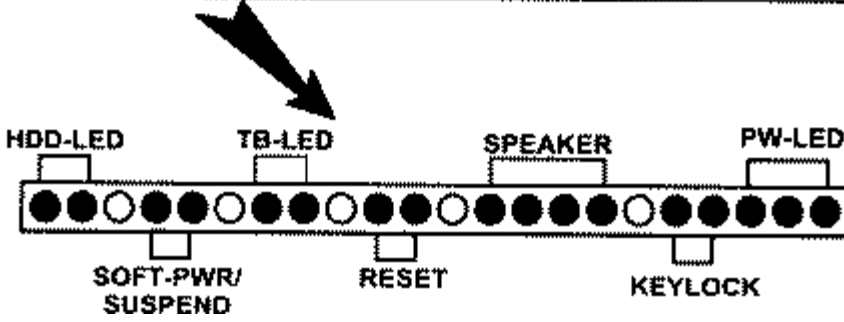
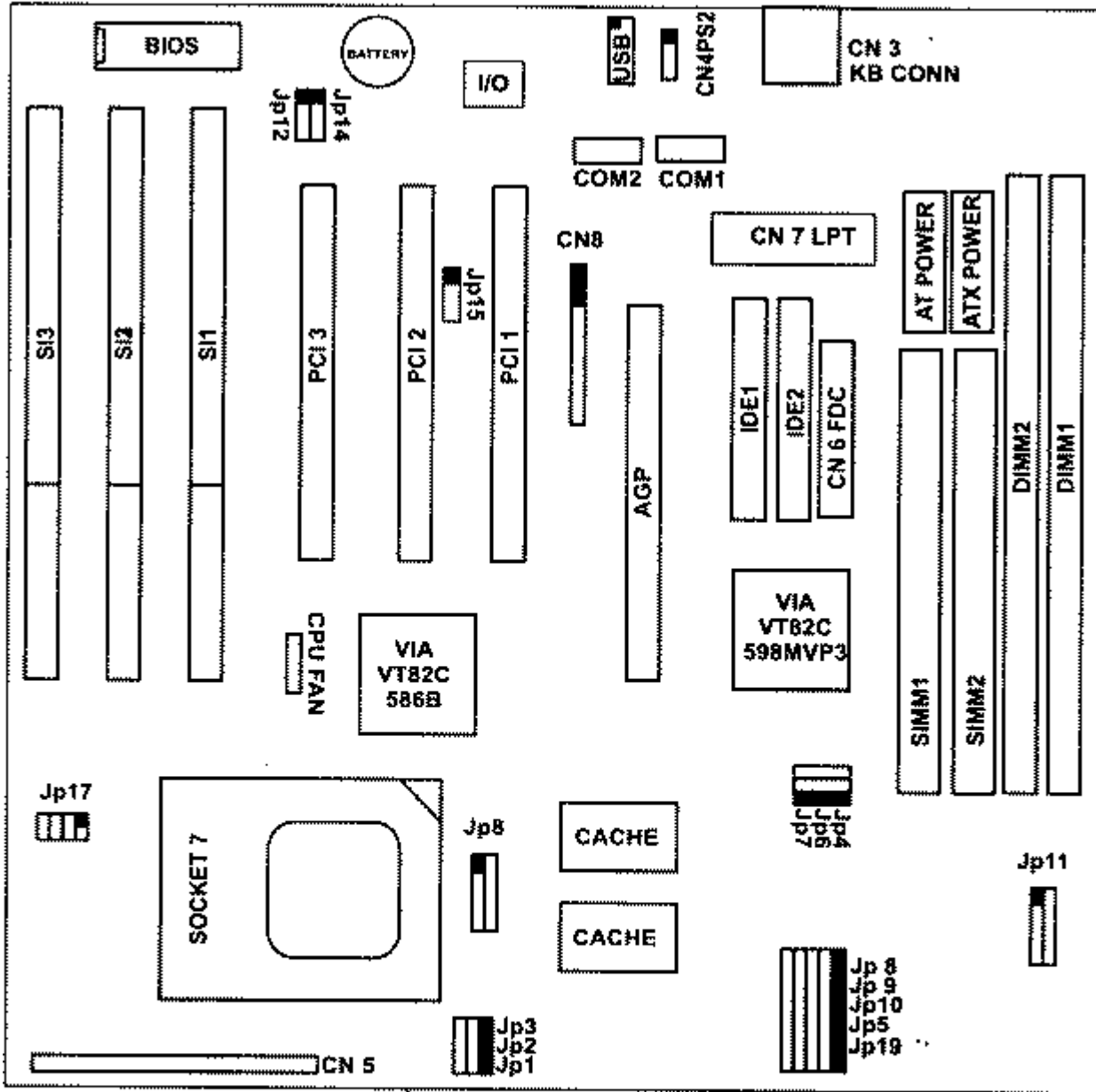


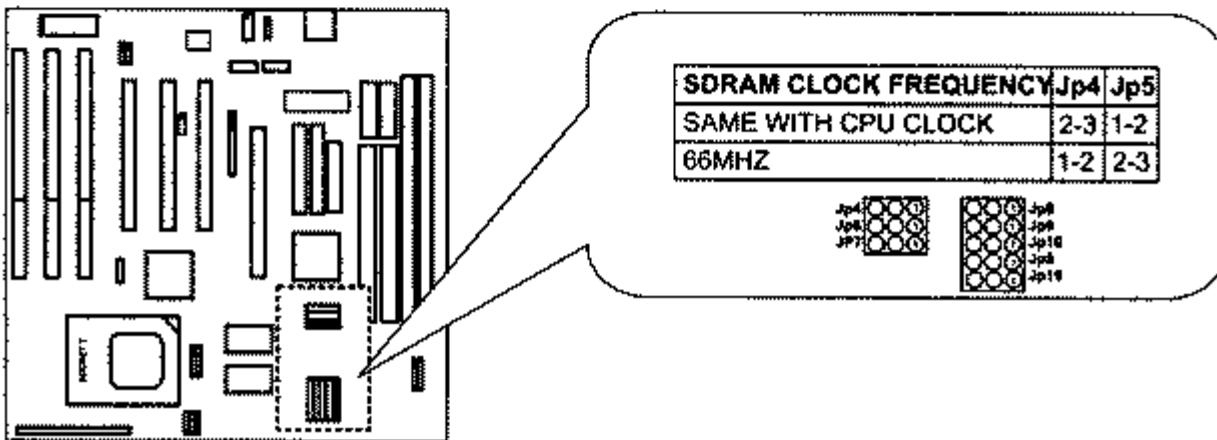
Материнская плата Apollo-5MVP3



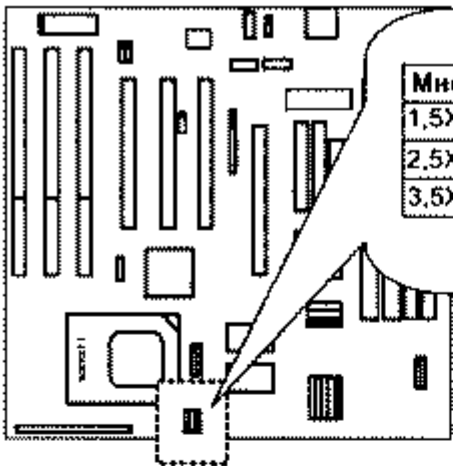
| Процессоры | Частота, МГц | Множитель | JP1 | JP2 | JP3 | JP6 | JP7 | JP8 | JP9 | JP10 | JP17 | JP18 | JP19 |
|------------------------------|--------------|-----------|-----|-----|-----|-----|-----|-----|-----|------|-----------------------|---------------|------|
| Intel® | | | | | | | | | | | | | |
| P54C 90 3,3 V | 60 | 1,5 | 1-2 | 1-2 | 1-2 | 2-3 | 2-3 | 2-3 | 1-2 | 1-2 | 1-2, 5-6 7-8 | Open | 1-2 |
| P54C 100 3,3 V | 66 | 1,5 | 1-2 | 1-2 | 1-2 | 2-3 | 2-3 | 1-2 | 1-2 | 1-2 | 1-2, 5-6 7-8 | Open | 1-2 |
| P54C 120 3,3 V | 60 | 2,0 | 2-3 | 1-2 | 1-2 | 2-3 | 2-3 | 2-3 | 1-2 | 1-2 | 1-2, 5-6 7-8 | Open | 1-2 |
| P54C 133 3,3 V | 66 | 2,0 | 2-3 | 1-2 | 1-2 | 2-3 | 2-3 | 1-2 | 1-2 | 1-2 | 1-2, 5-6 7-8 | Open | 1-2 |
| P54C 150 3,3 V | 60 | 2,5 | 2-3 | 2-3 | 1-2 | 2-3 | 2-3 | 2-3 | 1-2 | 1-2 | 1-2, 5-6 7-8 | Open | 1-2 |
| P54C 166 3,3 V | 66 | 2,5 | 2-3 | 2-3 | 1-2 | 2-3 | 2-3 | 1-2 | 1-2 | 1-2 | 1-2, 5-6 7-8 | Open | 1-2 |
| P55C (MMX™) 166 2,8/3,3 V | 66 | 2,5 | 2-3 | 2-3 | 1-2 | 2-3 | 2-3 | 1-2 | 1-2 | 1-2 | 7-8 | 1-2, 3-4, 5-6 | 1-2 |
| P54C 180 3,3 V | 60 | 3,0 | 1-2 | 2-3 | 1-2 | 2-3 | 2-3 | 2-3 | 1-2 | 1-2 | 1-2, 5-6 7-8 | Open | 1-2 |
| P54C 200 3,3 V | 66 | 3,0 | 1-2 | 2-3 | 1-2 | 2-3 | 2-3 | 1-2 | 1-2 | 1-2 | 1-2, 5-6 7-8 | Open | 1-2 |
| P55C (MMX™) 200 2,8/3,3 V | 66 | 3,0 | 1-2 | 2-3 | 1-2 | 2-3 | 2-3 | 1-2 | 1-2 | 1-2 | 7-8 | 1-2, 3-4, 5-6 | 1-2 |
| P55C (MMX™) 233 2,8/3,3 V | 66 | 3,5 | 1-2 | 1-2 | 1-2 | 2-3 | 2-3 | 1-2 | 1-2 | 1-2 | 7-8 | 1-2, 3-4, 5-6 | 1-2 |
| AMD™ K5/K6/ K6-3D | | | | | | | | | | | | | |
| K5 PR90/PR120 3,52 V | 60 | 1,5 | 1-2 | 1-2 | 1-2 | 2-3 | 2-3 | 2-3 | 1-2 | 1-2 | 1-2, 3-4, 5-6, 7-8 | Open | 1-2 |
| K5 PR100/PR133 3,52 V | 66 | 1,5 | 1-2 | 1-2 | 1-2 | 2-3 | 2-3 | 1-2 | 1-2 | 1-2 | 1-2, 3-4, 5-6, 7-8 | Open | 1-2 |
| K5 PR166 3,52 V | 66 | 2,5 | 2-3 | 2-3 | 1-2 | 2-3 | 2-3 | 1-2 | 1-2 | 1-2 | 1-2, 3-4, 5-6, 7-8 | Open | 1-2 |
| K6 PR166 2,9/3,3 V | 66 | 2,5 | 2-3 | 2-3 | 1-2 | 2-3 | 2-3 | 1-2 | 1-2 | 1-2 | 1-2, 7-8 | 1-2, 3-4, 5-6 | 1-2 |
| K6 PR200 2,9/3,3 V | 66 | 3,0 | 1-2 | 2-3 | 1-2 | 2-3 | 2-3 | 1-2 | 1-2 | 1-2 | 1-2, 7-8 | 1-2, 3-4, 5-6 | 1-2 |
| K6 PR233 3,2/3,3V | 66 | 3,5 | 1-2 | 1-2 | 1-2 | 2-3 | 2-3 | 1-2 | 1-2 | 1-2 | 5-6, 7-8 | 1-2, 3-4, 5-6 | 1-2 |
| K6 PR233 3,3/3,3 V | 66 | 3,5 | 1-2 | 1-2 | 1-2 | 2-3 | 2-3 | 1-2 | 1-2 | 1-2 | 1-2, 5-6, 7-8 | 1-2, 3-4, 5-6 | 1-2 |
| K6 PR266 2,2/3,3 V | 66 | 4,0 | 2-3 | 1-2 | 2-3 | 2-3 | 2-3 | 1-2 | 1-2 | 1-2 | 3-4 | 1-2, 3-4, 5-6 | 1-2 |

| | | | | | | | | | | | | | |
|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------------|---------------|-----|
| KG PR300 2,2/3,45 V | 66 | 4,5 | 2-3 | 2-3 | 2-3 | 2-3 | 2-3 | 1-2 | 1-2 | 1-2 | 3-4 | 1-2, 3-4, 5-6 | 2-3 |
| KG-2 250 2,2/3,3 V | 100 | 2,5 | 2-3 | 2-3 | 1-2 | 1-2 | 2-3 | 1-2 | 1-2 | 2-3 | 3-4 | 1-2, 3-4, 5-6 | 1-2 |
| KG-2 266 2,2/3,3 V | 66 | 4,0 | 2-3 | 1-2 | 2-3 | 2-3 | 2-3 | 1-2 | 1-2 | 1-2 | 3-4 | 1-2, 3-4, 5-6 | 1-2 |
| KG-2 300 2,2/3,3V | 100 | 3,0 | 1-2 | 2-3 | 1-2 | 1-2 | 2-3 | 1-2 | 1-2 | 2-3 | 3-4 | 1-2, 3-4, 5-6 | 1-2 |
| Cyrix (IBM) 6x86 | | | | | | | | | | | | | |
| 150+M1 3,52 V | 60 | 2,0 | 2-3 | 1-2 | 1-2 | 2-3 | 2-3 | 2-3 | 1-2 | 1-2 | 1-2, 3-4, 5-6, 7-8 | Open | 1-2 |
| 166+M1 3,52 V | 66 | 2,0 | 2-3 | 1-2 | 1-2 | 2-3 | 1-2 | 2-3 | 1-2 | 1-2 | 1-2, 3-4, 5-6, 7-8 | Open | 1-2 |
| 6X86L 150 2,8/3,3 V | 60 | 2,0 | 2-3 | 1-2 | 1-2 | 2-3 | 2-3 | 2-3 | 1-2 | 1-2 | 7-8 | 1-2, 3-4, 5-6 | 1-2 |
| 6X86L 166 2,8/3,3 V | 66 | 2,0 | 2-3 | 1-2 | 1-2 | 2-3 | 1-2 | 2-3 | 1-2 | 1-2 | 7-8 | 1-2, 3-4, 5-6 | 1-2 |
| 6X86MX 166 2,9/3,3 V | 60 | 2,5 | 2-3 | 2-3 | 1-2 | 2-3 | 2-3 | 2-3 | 1-2 | 1-2 | 1-2, 7-8 | 1-2, 3-4, 5-6 | 1-2 |
| 6X86MX 166 2,9/3,3 V | 66 | 2,0 | 2-3 | 1-2 | 1-2 | 2-3 | 1-2 | 2-3 | 1-2 | 1-2 | 1-2, 7-8 | 1-2, 3-4, 5-6 | 1-2 |
| 6X86L 200 2,8/3,3 V | 75 | 2,0 | 2-3 | 1-2 | 1-2 | 2-3 | 1-2 | 2-3 | 2-3 | 1-2 | 7-8 | 1-2, 3-4, 5-6 | 1-2 |
| 6X86MX 200 2,9/3,3 V | 75 | 2,0 | 2-3 | 1-2 | 1-2 | 2-3 | 2-3 | 1-2 | 2-3 | 1-2 | 1-2, 7-8 | 1-2, 3-4, 5-6 | 1-2 |
| 6X86MX 233 2,9/3,3 V | 75 | 2,5 | 2-3 | 2-3 | 1-2 | 2-3 | 1-2 | 2-3 | 2-3 | 1-2 | 1-2, 7-8 | 1-2, 3-4, 5-6 | 1-2 |
| * 6X86MX 266 2,7/3,3 V | 83 | 2,5 | 2-3 | 2-3 | 1-2 | 1-2 | 2-3 | 2-3 | 2-3 | 1-2 | 1-2, 3-4, 5-6 | 1-2, 3-4, 5-6 | 1-2 |
| * 6X86MII 300 2,9/3,3 V | 66 | 3,5 | 1-2 | 1-2 | 1-2 | 2-3 | 1-2 | 2-3 | 1-2 | 1-2 | 1-2, 7-8 | 1-2, 3-4, 5-6 | 1-2 |


JP4-JP5: ТАКТОВАЯ ЧАСТОТА SDRAM



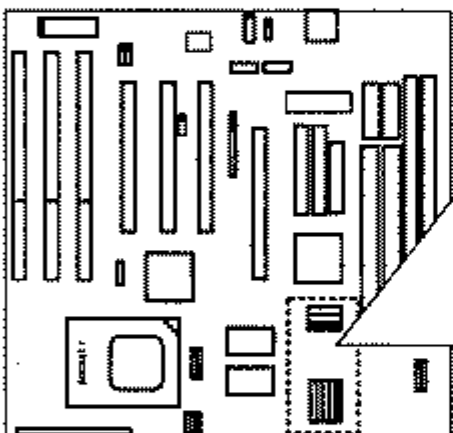
JP1-JP3: КОЭФФИЦИЕНТ УМНОЖЕНИЯ



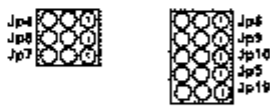
| Множит | Jp1 | Jp2 | Jp3 | Множит | Jp1 | Jp2 | Jp3 | Множит | Jp1 | Jp2 | Jp3 |
|--------|-----|-----|-----|--------|-----|-----|-----|--------|-----|-----|-----|
| 1,5X | 1-2 | 1-2 | 1-2 | 2X | 2-3 | 1-2 | 1-2 | 4,5X | 2-3 | 2-3 | 2-3 |
| 2,5X | 2-3 | 2-3 | 1-2 | 3X | 1-2 | 2-3 | 1-2 | | | | |
| 3,5X | 1-2 | 1-2 | 1-2 | 4X | 2-3 | 1-2 | 2-3 | | | | |



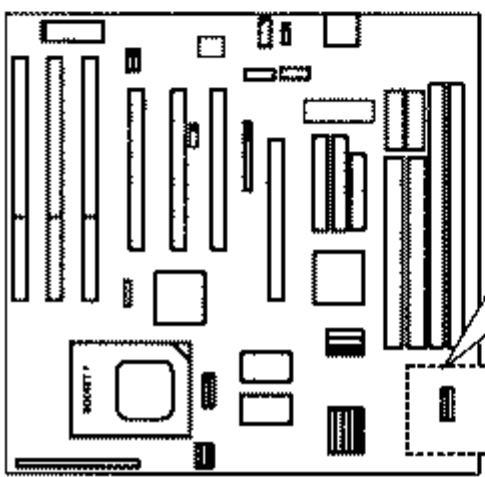
JP6-JP10: ВЫБОР СКОРОСТИ РАБОТЫ ПРОЦЕССОРА




| JUMPER | 60MHZ | 66MHZ | 75MHZ | 83,3MHZ | 100MHZ |
|--------|-------|-------|-------|---------|--------|
| Jp6 | 2-3 | 2-3 | 2-3 | 1-2 | 1-2 |
| Jp7 | 2-3 | 2-3 | 2-3 | 2-3 | 2-3 |
| Jp8 | 2-3 | 1-2 | 1-2 | 2-3 | 2-3 |
| Jp9 | 1-2 | 1-2 | 2-3 | 2-3 | 1-2 |
| Jp10 | 1-2 | 1-2 | 1-2 | 1-2 | 2-3 |



JP11: УСТАНОВКА НАПРЯЖЕНИЯ ПИТАНИЯ ДЛЯ МОДУЛЕЙ DIMM.

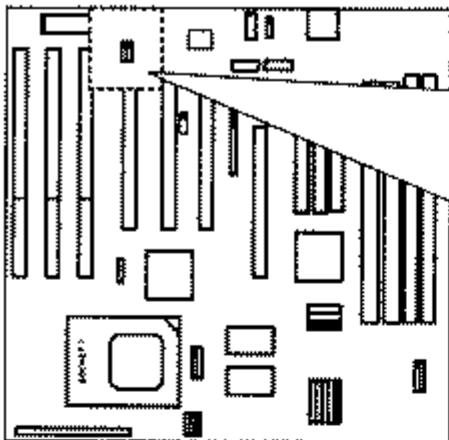


| DESCRIPTION | Jp11 |
|-------------|----------|
| 5V DIMM | 1-2, 3-4 |
| 3.3V DIMM | 5-6, 7-8 |



JP12: ПЕРЕКЛЮЧАТЕЛЬ НАПРЯЖЕНИЯ FLASH ПЗУ

JP14: ПЕРЕКЛЮЧАТЕЛЬ РЕЖИМА CMOS

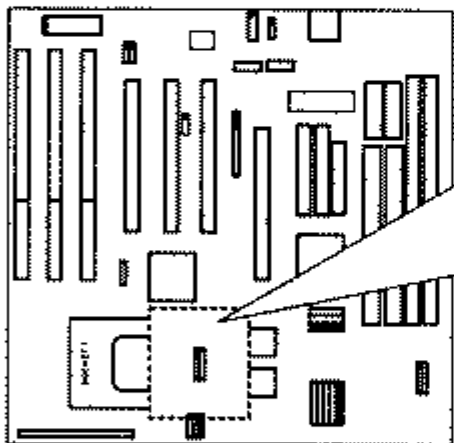


| | |
|-----------------------------------|-------------|
| FLASH ROM VOLTAGE SELECTOR | JP12 |
| 5V (SST*, WINBOND*) | 1-2 |
| 12V (INTEL*, MXIC*) | 2-3 |



| | |
|-----------------------------|-------------|
| CMOS SELECTOR | JP14 |
| NORMAL (DEFAULT) | 1-2 |
| CLEAR CMOS (CLEAR PASSWORD) | 2-3 |

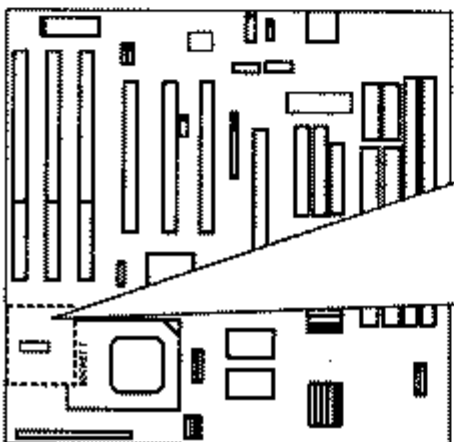
JP18: ПЕРЕКЛЮЧАТЕЛЬ ТИПА ПИТАНИЯ ПРОЦЕССОРА (ДВОЙНОЕ/ОДИНАРНОЕ)



| | |
|------------------------------|---------------|
| CPU VOLTAGE CONNECTOR | JP18 |
| SINGLE VOLTAGE | OPEN |
| DUAL VOLTAGE | 1-2, 3-4, 5-6 |



JP17: ВЫБОР НАПРЯЖЕНИЯ ПИТАНИЯ ПРОЦЕССОРА

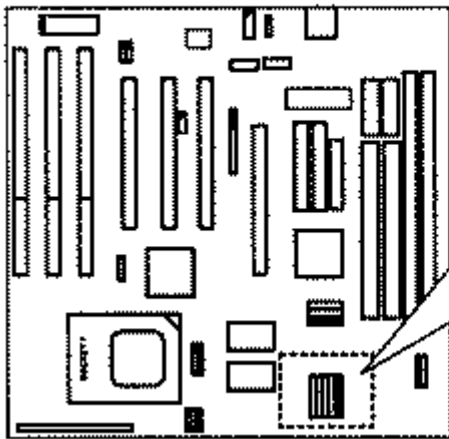


| JP17 | U, ядра | JP17 | U, ядра |
|----------|---------|----------|---------|
| 1-2 | 2,1V | 3-4 | 2,2V |
| 1-2,3-4 | 2,7V | 7-8 | 2,8V |
| 5-6 | | | |
| 1-2, 7-8 | 2,9V | 5-6, 7-8 | 3,2V |
| 1-2, 5-6 | 3,3V | 1-2, 3-4 | 3,5V |
| 7-8 | | 5-6, 7-8 | |

JP17



JP19: ВЫБОР ТИПА ПРОЦЕССОРА



INTEL®: P54C/P55C
CYRIX®: M1/MX/MII
AMD®: K5/K6 166-K6233/K6-3D CPU,
K6-PR300 CPU

