MOS Technology 6502
- 1975, way cheaper!
- Smaller
- better printing feel
- home computy revolution.
Atari, Apple II, NES, Commodore 64, SBC Mica,
Kegi3kers
A (accumulator) (8 bits)
X } when registers (8 bits)
P - processor status. (8 bits)
S - stack pointer (8 bits)
PC (16 bits). (64 KB instruction memory)
Tushachan
8-bit instruction codes (opcodes).
A AA BBBCC
operation addressing mode,
0 Year 170-
Operations.
- 1.52 ops
- ADD, SUB produce a carry Lit.
- CMP
- JMP - un conditioned sharp
- Branch - conditional, relative jump. - Shift + rotate 7
>m(+ + 10tale;

Addressing modes - Immediate - next byte after opcode is a constant. - Absolute - next 2 bytes are a menon address. - Zers-page: next byte is a mening address. - look up in first 256 bytes of RAM. - Induct: Isoh up an address from mening. next 2 bytes are mening address; that memory address + next are itself stores memory address; look that up. - Induct indexed: - next byte is a zero-page address; look up an address there + add y to it.