

-> CPU sends 32-bit ADDR 4 gets back a
Byte either from cache or DRAM

-> 64KB Derta Cache - 16K lines x4B per line

Cocle

Struct cache Entry &

unsigned short apper Addr; // 16 bit e-g 32/2

bool valid Flag;

bool LRUFlag;

char data [4]; // data 32-bit bus

3;

Struct cache Entry way @[16384]; // 214, 2 ie.

struct cache Entry way a [16384]; // 2", 2 left for dama unsigned int EPU Addr; // 32-bit could dress unsigned short EPU Lower, EPU Upper; //

c PU Lower = 60x0000ffff; Epc PUAddr 40x0000 ffff;

rd=rs +rr rs=18 rh = 69 Wow to chech \$8 value)

if (couldper = - way ot could upper Addr) Ellichech
upper Addr
upper Addr

byte No = cPulower & 3; Set No = cPulower 4 0xffc)>>>2;

if & (cPUUpper == way @[cfuLower Se+No]. upperAddr) {
way @ [se+No].data [byreNo];