On Dlevoden D MP = 1/0 operation Memory Mopped 1/6 Destated mopped 210 . P/o devices are trusted or D/O are treated diviers. pool put . 69,7 (Ao. A7) /Adress 216 18.7 (Ao-Ais) /adlnn 2.20 Doffrond farminay and 1/0. 6 Data tronsfer Jon Same mg Memory & AP/0 #Dirochamtage of Mumony Mooped 2/0 . There we no Turent and . Mos motive tion here: 1 secore son grad 90 oliv bioi dis less effrency som of the In 92. Horry Oben bold Tries - Diety Will Will The wide wind (unit & tou i) were it. 105 mg to majo rein 2011 or mod 2011 111. Some true out floor 1000 6 but 201 Doom open

8088 955m 20 68+1 addrum, on other ald EPROM BIOS 2716 has only 2KB memory along with 11 address Pin. now Epport Com be placed 286 section of 1MB addthe decorder can decod 9 extra add. tous oboce, or tanopin here. # 82055 Pin Digram PAO PAL PA2 Group A PA3 8 1340 PAY PAS Il place sebirated PBO Contral + PB1 read write Come with 469 to Jarp A Pey

[control dakes singral from under avandand forwards 17

, 8 69.7 10/0 ponds wonks bradinetional. mode 2 BSR mode Mode o Mode 1 port A - yah - yah pont B - " W port c - " No FAT 100 Mode o and I openation mode O 900 a bonsie imput/output mode that allows the plans of Grop B to be programed on simple import and latched. output connection. Mide O Causes 82 CSS . to function. as a buffered impul on a lartched output mod 1 operation. Uned in pond c-not for deva but for Control Don hondrohamma organolo. -to help openale either on both port A&B as. rotroped anow ponts There have do not have Bushingt compatible it.

programable peripheral Indafee builinactional Mode 0: here poul A and B used & 68% pouls and poul C are 4 691 ponts. Each pont con generaled either input on mode where owland ladeled input next ladeled port hime do not have . In tennupt comblishy.

Model: here mode 1, port A& Blind an & bid I/o. pords. They can configured or of the output on Input. pordo. Each ponds unes 3 lines from pond e ers handshave organds. Import adout are latched.

Difference between Text and And operation. 190 How deal does not after the distination operand . The feat smotunation Derforms a bitwing AND on so two Brunnds. The flog SF, ZF, PF, CZ, OF and AF are modified while the gerald of the AND Po discarded and and

Enemple of we mud to cheak, wheather a number in even. on odd. we also uning dest. operation Tend WAL NOTTE copyrado mo when will said

of 15 add Fren- Numbr the And operation tecturin 1,0 therwise 9.1 tecture 0 for example openands: 0101.

After And -> open and 1:0001.

CMP & SUB (Difference) Recally that SUB outtracts producing but, b also setting they (CF, OF, BF, ZF) CARD JOGER ANO John 1891. " Waster " " T The CMP Enormetion 00 the some to the Sub book - book for it countred someth Ah changes

Ah changes

Mov Ah 2018=5 BUB Ah, 0108-26 6 CMP Ah= 0401 = 5 Ah = 00 al = 3 12 ml marting CF NO FINZ FOR SEED here the male are changes with the son B but not changing in the CMP (5 as 91 hs (270 210) Sub 6 (5-2) = 3 75.70, · Lood: 1. homogo co both with

a lampest of born DMA of of of med block will. DMA (Daniel miniety accesso). The DMA 210 technique provides direct accens to the memory while the Mp no temporarily Dionblud.

Some Dion ministry system And vedro system are

Story. Lined, optical dion

Story.

Digital, analy monitor. DMA occur between an DIO device and memory with and the use of MP princed of MP DMP Gult DMP Gult 22 DMA operation: 2 control signal are used to traguest.

and acknowledge a direct number accum transfer.

and the home with a month of the many accum transfer. an the top based considering

. The hold pin bo In Input ened to taques a DMA action. . The HLDA pin is an ordand that acknowledges. The DMA operation. Hold In Sampled in any clocking eyell. 10 sous - when processon the cognize the hold of stops excenting.

Software and enters hold cycle · HoID Import has higher priority than INTR OR NIMD. · IN MP Pin only revel Pin 80 Higher priority Hun HolD. HLDA becomes active to Indicale the processor.
hors. placed ofto buses of high impedance state.

HLDA outpuls 6,0 a signal to the request device that the sprocessor has release contral of 9 to memory

& DIO space

reman mad divide only

reman mad divide only

only DMA controller provides memory with 9th address ound.

Controller Brand DACK seles the Diordevice du-DMA-blealing: DMA occours a word ed a time, this can allow the CPU to access memory on altermode to bus Cycle. Peto called DMA ofealing. Icpu 19 zron con 600.

Cycle on monony

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MA m ten beaved: when memory cycles are much fuster than procuran Cyclis, Alm Ito panible, where DMA controllers were money net cpu.