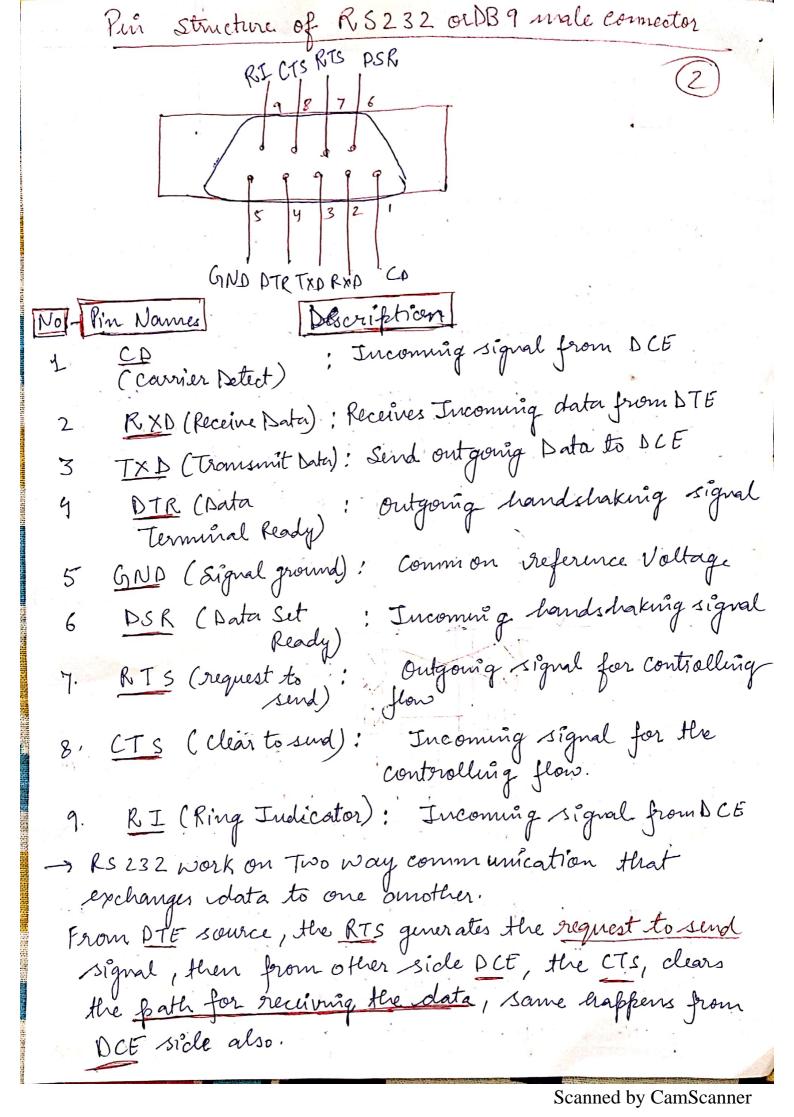
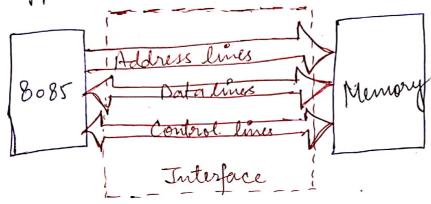
Name of Subject > Micropoveessor & Dubmitted By.
Pare of Subject -> Microforocessor & Dubnitted By.
Name of Subject -> Microfoweessor & Dubnitted By.  Poly 1020  Branich -> ELEX 3rd year, Generals. Tyles wee
RS-232 Interface
-> RS 232 standard 20th Asynchronous communication and define
—) RS 232 standard राक Asynchronous communication की define वारता है के, जिसकें bits of data, clock pulse के द्वारा Synchronize नहीं होता है।
RS 232 C "Recommended Standard 232C" is the recent version of standard 25 fin whereas, RS 232D which is of 22 fin.
-> RS 232 is a st. protocol used for serial communication,
-> RS 232 is a st. protocol used for serial communication, and is used for connecting computer and its peripheral device to allow serial idata exchange between them.
device to allow serial idata exchange between them-
→ UE serial communication Fi upto 50 feet to PARS useful ETaI
-> RS 232 is used for connecting: Data Transpirer
-> R5232 is used for connecting. Dater Transmission Equipment (DTE) and Data Communication Equipment (DCE)
DTE RX TX DCF RX DCF RX PREceiver
-> Universal Asynchronous Data Receives And Transmitter WART
की RS 232 रि Connect करके use करते हैं, Printer and
Computer on aller Data tionisfer on the use oned of
Electrical Specifications:
① Voltagelevel: - ₹5232 also used as GND and +5 Vlevel.
Bunary 0 -> Works with VIg upto +5 V to +15 Vdc
Bunary 0 -> Works with VIg upto +5 V to +15 Vdc Bunary 1 -> Works with VIg upto -5 V to -15 Vde
Operation Voltage -> Operation VIg will be 250 VAC mass



Interface on 3121 & interaction between components
3712 42 interfacing hardware & software of Toil level
42 rapplicable El



Prinary Flemory: - ORAM & ROM are examples of this
type of memory

2) M'inoprocessor solati yuitt, fongram ant Store anit 31/2 321an execute anit fi anit El

Secondary Memory: (1) Used for bulk storage of data

(2) Examples in clude floppy, Hard Disk, CD-ROM, Magnetic Take

3) Slower & Sequential Access nature

8085 Interfacing with Memory Chifes

Pata

ADO-AD7 174LS 373 AO-A7 Perogram

BO85 A8-A15 Permany

CS

TO/M

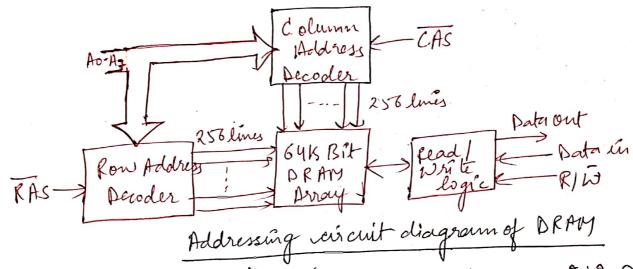
RD

() Dram में Pata store करने के लिए Mos capacitor प्रयुक्त किया जाता है। इंसका मुख्य दीय यह है कि Capacitor fast Discharge ही जाता है। चिससे उसमें stored briary data जुन है। जाती है।

Data loss att avoid oten at Me DRAM'S att Countaintly refresh oten 3110121101 E, Refresh operation of DRAM at Capacitors Joi: recharge ET STA E'

3) But, refreshing in one THE MINIE & STIME DRAM ON

Speed काम होती है।



\* 20th 64k Bit DRAM at 216 = 64k bit location it is then 215 the state of the state

A DRAM FI 16 bit Add lines load diet in Mes RAS and low (0) the Add in 4Ed 8 bit latch the still Eines of 8 8 3704 Add Bits As-A7 47 Apply the other Eines CAS and low (0) that STATE I Timing Diagram for DRAMADD resuing; - Sewert & Delay of Selay of Selay

RAS

Severt Repelay:

Pelay:

Ab-A7 STARLE STABLE

Rowadd bit Column add bits

3/04/2020