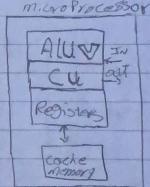
learn in depth o Logiel indesti

- Micro Processor (XP): it's a IC (intelled for general Purpose functions or	graled circuit)
For Alu + Control Unit + Reg. ster + 5 mall	
Micro Controller: JP+ Prepherols + Memory m:cro Controller	ALUVIN
THOU GIATORET	1 CIL aut

CPU Rom RAM

Interropt Peripherals 3PTO

control



I'm bedded system: it's a system like computer But smaller. Used for specific purpose and with more constrains in time, specific and swage

mechationics system: it's a system that contain a mechanical part drived with controller and contain also Electrical Boxt.

a bits only , and any larger about most be boxen into Pieces

() lo 200 0 1 3/6 283 learn in depth

Myo Processor	NE	miara	cash Vall	laro
TOTALO POUCE TOO	VS	0011000	ont y au	00

General Purpose Part of micro controller can add to it more pring and money cont add any Raphorals to it

specific Porpose Contain microfrocessor

memory

Von-Neuman Vs Harrist Architecture

instruction and data share I instruction and dota has the same memory device and basses selepate Busses and memories

Rom Tipes:

1-PROM & Read only Memory, it can Programmed only once by the User

2 - MOSKBOM . Some as from but it can programed once by manefatured not user

3. EPROM: it can be programmed many times but it's not I lectrically trasing, it can be fully crose by UV- EPROM

glo 300 (2) 3/5 87 learn in defth RAM TUROS: 1- SRAM: Static RAM because it doon't need to be refreshed. it consist of 6 transistor so it's high cost but faster and Better Then ORAM, Used for cache memory 2-DRAM: Dynomic Ram because its need to be refreshed because of leo loge of The Utoge, consist of 1 transistor and 1 copositor so its cheaper than SPAM Bot slower and more Power consomption because of refreshing Process and used in Main Momory WL RI Why form is Read only Memory Although you can write on it H can be written on it by class itself, but by another degres.

lown in defth

3 8 9/6 Jusi passiog

	NURAM	Flags	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EPRom.	Rom	Masker	SRAM	TAR
	2/0	2/0	No	8	No	ÉS	Yes	whatiles artable
	yes	Yes	once	ome	20	yes	Yes	axtable
Byte	sector	Byke	Entire	MIN	Mr	Byte	Byte	Exase
cinimiza	limited	limited	Limited	Ma	MA	onlimited	antimized	MAXELOSE
Tollansie	moderate	Expansive	moderate	magate	mexpossive	moderate	Expensive	(Ber Evre)
hast	hast to Read you	Tast to Read she to she to write longs	Fast	Fast	Faux	moderate moderate	Fast	steed

0