PROOLEMES AC

	10				10, bos	KMP	,	Escipto	re de Mi	•
· tipo	@hex	BM	CONTINC	H/M	si lmo	@	tum	silmo	6	tom
1. Byte	8890	889	1	Mio	56	8890	16	N.	_	-
m mord	ECS1	EL5	1	1/18	N	-	_	51 51	ECSA ECGA	1
Wood	EC62 2303	23D	2	Hil	N.	-	_ _	SI	2303	2
weste	ABAY	ABA	2	Mill	No	- PBAS	_ 16	Si Na	AGA4	_
Rword	ABA5 2306	13P	2	Min	S1 S1	2306	16	No	-	_ 2
R Byte W word		EC5	1	Hit	N.	-	_	n.	ECL3	_
RByte Rward	EC68	EC6 889	2	Miss.	Si.	9999	16	N.	_	-
		3000000								
								-		

Conjunto C)	Conjunto 1	Conjunto 2			Conjunto 3		
EL8	Л	ECS	o	ECE		1	EC7	1
ABY	U	889	1	AGA		υ	_	٥

3.10)

a)
$$V = 1.1V$$
 $F = 26H_{+}$ compart $l_{VL} = 7A$ of $E = 5mF$

Promoutorism = $CV^{2} \cdot F = 5.10^{9} \cdot F \cdot (1.1V)^{2} \cdot 2.10^{9} = 17.9W$

Pluga = $T \cdot V = 3.1/2 = 13.6W$

Plotal = Vamutaria + Pluga = 14.4W + 3.6W = 118W

5) 2-avociativa de 128 kB, tamblec: 64B, directory & bits 4B, consertinga RAM: 3/4A/6/6

Econsemble Mentry: = 5mJ, Econ Mendele = 25/45/Vici

con, on hos = 2048 2 = [1024 conjunus] vias -12 (presumiat)

217 B/26 sta = 2" blos = [2048 blos]

2048 / 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 |

- d) (vin + 1024 bloss m dutos = 1024 blos . 64 3 ele = 8 bits = [524248 bits]

 Metis = 1024 bloss . 32 less = [32+68 bits]
- e) Productobra (1000 MC) dit total = 55+056 bit.

 [Noga = 55+056 * 3.10 6 Mc = 146+1 A] Phys = I.V. Hvin = 1,61 * 1,6 * 2 = 14w)

Gidos totales = 55 x 2.10° Hz = 10.10° aidos (PS paralela = 10.10° aidos - 2,5 cidos fortales = 55 x 2.10° Hz = 10.10° aidos (PS paralela = 10.10° aidos - 20 udas = 2.10° aidos aidos (PS pale = 2.10° aidos aidos pale = 2.10° aidos (PS pale = 2.10° aidos aidos pale = 2.10° aidos (PS pale = 2.10° aidos aidos - 20 udas = 12 aidos (PS pale = 10.10° aidos - 12 aidos aidos - 12 aidos (PS paralela = 10.10° aidos - 12 aidos (PS paralela = 10.10° aidos - 12.10° aidos - 10° aidos - 12.10° ai

- 1) Cides = cides ided + cides falle + cides acres = 10.10° cides + 0.9 week . 10° an 1 cross = 7:10° Hz 15,455 MANOIS 7:10° 1767 MFWP12 7:10° 10° 1767 MFWP12 = 110,9.104 cider
- m) E= 2.5m1 . 2. (5m5 = 135m1) . At any some year of Volt is 1
- m) Palmanica austic = P= = 35.10-7. 100 = 16,42 w
- 0) Porche total = P_CPU P_MC/46 + Pereccomutant = 18W + 4W + 6142W=) 28,42W)
- P) Eliumun = 267 MEWP) = 1/2,91 MEWEY
- the fact of the and will be a conficted to the fact of the contract of
 - V) I Nya = 8192 bits = 3-10 Apr = 24p6 on A Figs = IV = 24.6.10-3. 1,2=12915 on W] (nome)

a new to a relief of warmen a galler "

- 5) adus = ailes ideal + acles fulle + aides marto = 10.109 + 0, c. 109 = 1 = 110/2.109 ailes) ter - 10,2.104 = 5,15 MFWS = 2.104 . 10-6 = 75/MFWS 392 .
- +) Eaustr = /mj + 5mj + 25mj = [31m] Emedia = 0,8 3 ms. +0,2 6 ms = [3+0) Efalle = 1m3 + 10m3 + 50 m5 = 161 m5 e complete sound (2) - AND (2)
- U) P= E/T: 0,146.104 aiemos . 37 10-17 = 7,25 7/5 = 17,20 W
- V) P-total = P-CPU +P-Mc/USA P-prol-lugh + Picache-commer = 18W+4W+0102W+ 7105W2

interpretation of the state of the same of the state of the species

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(The car is the contract of the contract of the contract of

- W) Eficience = 392 MFLOPS = 1/3,39 MFLOPS,
- x) surx/purdolo: 12,41/M,76 = 1,048 = 14,8% (11m/un = 13,39/12/91 = 1,032= 13,7%) allowed a State of the company

1. M. politic , Markey Tro (10