

# Acton

Rieptaf'iec c'amamec architectac'o

CrazyEttin 2024 (CC BY 4.0)

<http://ahti.space/~crazyettin/>

## Registri ta, liansac'o, toic, garzi

- Accumulatoro ACC (R0)
- Rieptae've p'aptoto RP (R1)
- Codec ta datec segmenti CS (R2) ta DS (R3)
- Boptierbac've liansac'o BTL
- Toik'ec dorje 0-\$FFF
- Garriecc porta 0-\$FF

Bitec arroela registrip ta, toik'ec dorsep, garriecc portep c'amar. Registri ta liansac'o nullop net tacristatoe mecha p'enfiler. SEGMENTO \* \$10 + ATRESO, toik'ec physle atresi fiarop net fierlir.

## Rieptaf'i

K'ilbiec otiet lati octetoe tocha ager: iarc've codro (0-\$F) ta, registrac iargo (R0-R3), atresak'ec modo (reppale se, lorba, ielorba, indicale). Ket i octeto ie registrare iargo ta oties maro oplac'o ager. RP iarc've t'viemec mecha betantiler. CS doclantilor ri RP nullop mecha docler.

## Rieptaf'i

| Octeti   |     |       |       | Jare'v  |
|----------|-----|-------|-------|---|
| Lat'i    |     | Ret'i | Oties |   |
| 0 BIA    | REG | ?     | N.a.  | Reg'e ie iarlir   |
| 1 DAPC   |     |       |       | Datinc'on dapc'antiler                                  |
| 2 IE     |     |       |       | REG = ~REG  |
| 3 TA     |     |       |       | REG &= IARG   |
| 4 SE     |     |       |       | REG  = IARG   |
| 5 XSE    |     |       |       | REG ^= IARG   |
| 6 MISD   |     |       |       | REG += IARG;<br>BTL = 0 MON REG > \$FF RI BTL = 1       |
| 7 BTM    |     |       |       | REG += IARG + BTL;<br>BTL = 0 MON REG > \$FF RI BTL = 1 |
| 8 SATB   |     |       |       | REG = IARG  |
| 9 NS     |     |       |       | ACC == 0 RI REG = IARG                                  |
| \$A INS  |     |       |       | ACC != 0 RI REG = IARG                                  |
| \$B BT\$ |     |       |       | BTL == 1 RI REG = IARG                                  |
| \$C IBTS |     |       |       | BTL != 1 RI REG = IARG                                  |
| \$D RESL |     |       |       | IARG = REG  |
| \$E SIER |     | GARR  | N.a.  | REG = *GARR   |
| \$F NIAP |     |       |       | *GARR = REG   |

Jare'v \$D kegep reppale modop bir ie iarer.