ALU Select lines Alu -A [15:0] Un-B [15:07 ALV 1 YC] NONE -> NOP 0000 ADD -> add & , & a, & b 12:10 +26 0001 ade rc, sa, sb 9C = 8a +8b ADC > if corry set. 000 adz rc, 8a, 8b 92 C = Ra +96 if zero set 0011 odl sc, sa, sb SC= ra ADL + Sb<<1 0100 25- 2a + 1mm6 > adi 8b,8a, im6 AD I

 $O \mid O \mid$

Entender

NDU > rdu RC, 89,86

92C= (Raf 8b)

0110

0111

1000

NAC -> NAC, Sa, Sho

Ac: (Ra & Sh)
if corry set

NDZ -> NDZ 80,80,86

200 (Pa & Nb)

if zen set