**Instruções IAS**

LOAD M(X): 00000001 01 (faz AC=X)

LOAD MQ,M(X): 00001001 09 (faz MQ=X)

STOR M(X): 00100001 21

LOAD MQ: 00001010 0A (faz AC=MQ)

LOAD |M(X)|: 00000011 03

LOAD -M(X): 00000010 02

ADD M(X): 00000101 05

ADD |M(X)|: 00000111 07

SUB M(X): 00000110 06

SUB |M(X)|: 00001000 08

MUL M(X): 00001011 0B (faz MQ\*X e coloca em 80 bits)

DIV M(X): 00001100 0C (faz AC/X e AC=resto, MQ=quociente)

RSH: 00010101 15

LSH: 00010100 14

JUMP M(X, 0:19): 00001101 0D

JUMP M(X, 20:39): 00001110 0E

JUMP+ M(X, 0:19): 00001111 0F

JUMP+ M(X, 20:39): 00010000 10

STOR M(X, 8:19): 00010010 12

STOR M(X, 28:39): 00010011 13