

Microinstruções Verticais

0000	ADD	$r1 := r1 + r2$
0001	AND	$r1 := r1 . r2$
0010	MOVE	$r1 := r2$
0011	COMPL	$r1 := \text{inv}(r2)$
0100	LSHIFT	$r1 := \text{lshift}(r2)$
0101	RSHIFT	$r1 := \text{rshift}(r2)$
0110	GETMBR	$r1 := \text{MBR}$
0111	TEST	if $r2 < 0$ then $N := \text{true}$; if $r2 = 0$ then $Z := \text{true}$
1000	BEGRD	$\text{MAR} := r1; \text{rd}$
1001	BEGWR	$\text{MAR} := r1; \text{MBR} := r2; \text{wr}$
1010	CONRD	RD
1011	CONWR	WR
1100		
1101	NJUMP	if N then goto r
1110	ZJUMP	if Z then goto r
1111	UJUMP	goto r