

Inst	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	09	08	07	06	05	04	03	02	01	00
SIG	-	-	-	INM	ALU	OP ALU	OP ALU	OP ALU	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
J	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	D	D	D	D	D	D	D	D	D	D	-	-	-	-	-	-
JZ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	D	D	D	D	D	D	D	D	D	D	-	-	-	-	-	-
JNZ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	D	D	D	D	D	D	D	D	D	D	-	-	-	-	-	-
JA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	D	D	D	D	D	D	D	D	D	D	-	-	-	-	-	-
JAE	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	D	D	D	D	D	D	D	D	D	D	-	-	-	-	-	-
JB	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	D	D	D	D	D	D	D	D	D	D	-	-	-	-	-	-
CALL	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	D	D	D	D	D	D	D	D	D	D	-	-	-	-	-	-
RET	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOV	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	R1	R1	R1	R1	-	-	-	-	R3	R3	R3	R3
NOT	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	-	-	-	-	R1	R1	R1	R1	-	-	-	-	R3	R3	R3	R3
SUM	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	-	-	-	-	R1	R1	R1	R1	R2	R2	R2	R2	R3	R3	R3	R3
SUB	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	-	-	-	-	R1	R1	R1	R1	R2	R2	R2	R2	R3	R3	R3	R3
AND	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	-	-	-	-	R1	R1	R1	R1	R2	R2	R2	R2	R3	R3	R3	R3

OR	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	-	-	-	-	R1	R1	R1	R1	R2	R2	R2	R2	R3	R3	R3	R3	
NEGA	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	-	-	-	-	R1	R1	R1	R1	R2	R2	R2	R2	R3	R3	R3	R3	
NEGB	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	-	-	-	-	R1	R1	R1	R1	R2	R2	R2	R2	R3	R3	R3	R3	
LI	0	0	0	1	1	0	0	0	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	-	-	-	-	R3	R3	R3	R3	
LINOT	0	0	0	1	1	0	0	1	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	-	-	-	-	R3	R3	R3	R3	
SUMI	0	0	0	1	1	0	1	0	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	R2	R2	R2	R2	R3	R3	R3	R3	
SUBI	0	0	0	1	1	0	1	1	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	R2	R2	R2	R2	R3	R3	R3	R3	
ANDI	0	0	0	1	1	1	0	0	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	R2	R2	R2	R2	R3	R3	R3	R3	
ORI	0	0	0	1	1	1	0	1	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	R2	R2	R2	R2	R3	R3	R3	R3	
NEGI	0	0	0	1	1	1	1	0	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	-	-	-	-	R3	R3	R3	R3	
NEGB	0	0	0	1	1	1	1	1	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	R2	R2	R2	R2	R3	R3	R3	R3	
IN1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	R3	R3	R3	R3
IN2	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	R3	R3	R3	R3
IN3	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	R3	R3	R3	R3
IN3	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	R3	R3	R3	R3

OUT	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	R1	R1	R1	R1	-	-	-	-	-	-	-	-
OUTI	0	0	1	1	0	0	0	0	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	-	-	-	-	-	-	-	-