

IR	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
MOV	0	0	0	0												
ADD	0	0	0	1												
SUB	0	0	1	0												
CMP	0	0	1	1												
AND	0	1	0	0												
OR	0	1	0	1												
XOR	0	1	1	0												
CLR	1	0	0	0	0	0	0	0	0	0	0					
NEG	1	0	0	0	0	0	0	0	0	0	0	1				
INC	1	0	0	0	0	0	0	0	0	1	0					
DEC	1	0	0	0	0	0	0	0	1	1						
ASL	1	0	0	0	0	0	0	1	0	0						
ASR	1	0	0	0	0	0	0	1	0	1						
LSR	1	0	0	0	0	0	0	1	1	0						
ROL	1	0	0	0	0	0	0	1	1	1						
ROR	1	0	0	0	0	0	1	0	0	0						
RLC	1	0	0	0	0	0	1	0	0	1						
RRC	1	0	0	0	0	0	1	0	1	0						
JMP	1	0	0	0	0	0	1	0	1	1						
CALL	1	0	0	0	0	0	1	1	0	0						
PUSH	1	0	0	0	0	0	1	1	0	1						
POP	1	0	0	0	0	0	1	0	1	0						
BR	1	1	0	0	0	0	0	0	0							
BNE	1	1	0	0	0	0	0	0	1							
BEQ	1	1	0	0	0	0	1	0								
BPL	1	1	0	0	0	0	1	1								
BMI	1	1	0	0	0	1	0	0								
BCS	1	1	0	0	0	1	0	1								
BCC	1	1	0	0	0	1	1	0								
BVS	1	1	0	0	0	1	1	1								
BVC	1	1	0	0	1	0	0	0								
CLC	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
CLV	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
CLZ	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0
CLS	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1
CCC	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	
SEC	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	
SEV	1	1	1	0	0	0	0	0	0	0	0	1	0	0	1	
SEZ	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	
SES	1	1	1	0	0	0	0	0	0	0	0	1	0	1	1	
SCC	1	1	1	0	0	0	0	0	0	0	0	1	1	0	0	
NOP	1	1	1	0	0	0	0	0	0	0	0	1	1	0	1	
RET	1	1	1	0	0	0	0	0	0	0	0	1	1	1	0	
RETI	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	
HALT	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	
WAIT	1	1	1	0	0	0	0	0	0	0	1	0	0	0	1	
PUSH PC	1	1	1	0	0	0	0	0	0	0	1	0	0	1	0	
POP PC	1	1	1	0	0	0	0	0	0	0	1	0	0	1	1	
PUSH FLAG	1	1	1	0	0	0	0	0	0	0	1	0	1	0	0	
POP FLAG	1	1	1	0	0	0	0	0	0	0	1	0	1	0	1	