

دستورالعمل	مد آدرس دهی اپرند اول (مد آدرس دهی در صورت نداشتن اپرند)	مد آدرس دهی اپرند دوم (در صورت وجود)
CBR R1,K	Register Mode ¹	Immediate Mode
AND R0,R10	Register Mode	Register Mode
MUL R2,R6	Register Mode	Register Mode
RJMP 0x400	Program Memory Relative Addressing Mode	---
ICALL	Program Memory Indirect Addressing Mode	---
EIJMP	Program Memory Indirect Addressing Mode	---
CALL 0x2000	Program Memory Direct Addressing Mode	---
CP R4,R2	Register Mode	Register Mode
BRBS 2,0x400	Register Mode	Program Memory Relative Addressing Mode
BRHS 0x300	Program Memory Relative Addressing Mode	---
MOV R10,R11	Register Mode	Register Mode
LD R0,X+	Register Mode	Data Memory Indirect Addressing Mode with Post-Increment ²
LDS R0,0x100	Register Mode	Data Memory Direct Addressing Mode
STD R20,Y+0x30	Register Mode	Data Memory Indirect Addressing Mode with Displacement
ST -X,R10	Data Memory Indirect Addressing Mode with Pre-Decrement	Register Mode
ELPM R4,Z+	Register Mode	Program Memory Indirect Addressing Mode with Post-Increment
IN R1,EEDR	Register Mode	I/O ³

¹ Direct Register Mode

² Indirect Register Addressing Mode. Here the value of X register refers to an address in Data Memory

³ Direct I/O

