

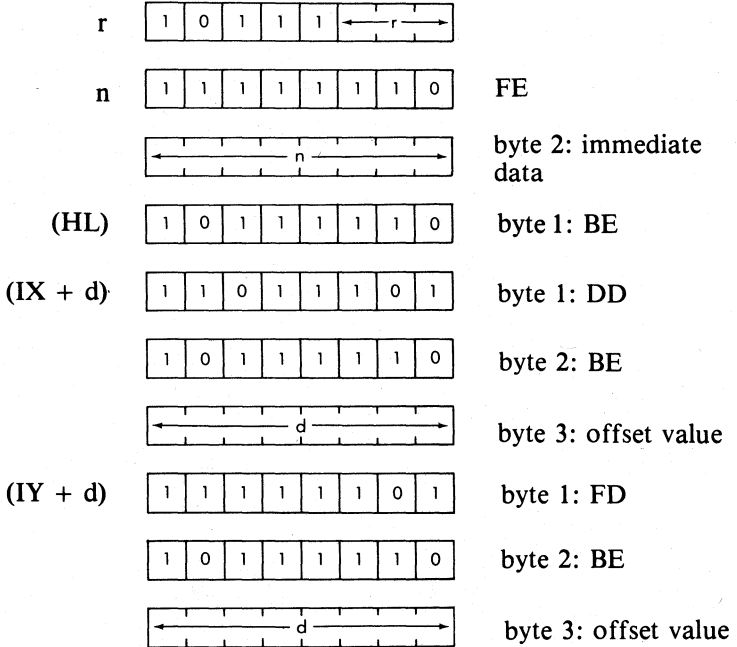
THE Z80 INSTRUCTION SET

CP s

Compare operand s to accumulator.

Function: A - s

Format: s: may be r, n, (HL), (IX + d), or (IY + d).

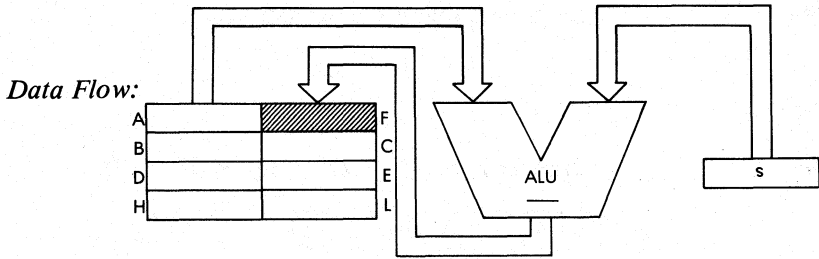


r may be any one of:

A - 111	E - 011
B - 000	H - 100
C - 001	L - 101
D - 010	

Description: The specified operand is subtracted from the accumulator, and the result is discarded. s is defined in the description of the similar ADD instructions.

PROGRAMMING THE Z80

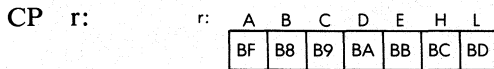


Timing:

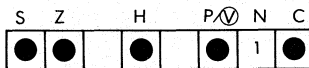
<i>s:</i>	<i>M cycles:</i>	<i>T states:</i>	<i>usec @ 2 MHz:</i>
r	1	4	2
n	2	7	3.5
(HL)	2	7	3.5
(IX + d)	5	19	9.5
(IY + d)	5	19	9.5

Addressing Modes: r: implicit; n: immediate; (HL): indirect; (IX + d), (IY + d): indexed

Byte Codes:



Flags:

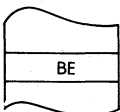
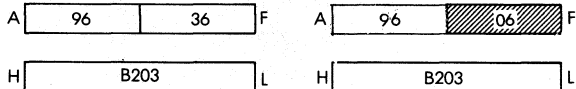


Example:

CP (HL)

Before:

After:



OBJECT CODE

