CPFSEQ	**Compare f with W, skip if f = W**

Syntax:	[*label*] CPFSEQ f [,a]
Operands:	$0 \le f \le 255$ $a \in [0,1]$
Operation:	(f) − (W), skip if (f) = (W) (unsigned comparison)
Status Affected:	None
Encoding:	

0110	001a	ffff	ffff

Description:	Compares the contents of data memory location 'f' to the contents of W by performing an unsigned subtraction. If 'f' = W, then the fetched instruction is discarded and a NOP is executed instead, making this a two-cycle instruction. If 'a' is 0, the Access Bank will be selected, overriding the BSR value. If 'a' = 1, then the bank will be selected as per the BSR value (default).
Words:	1
Cycles:	1(2)

Note: 3 cycles if skip and followed by a 2-word instruction.

Q Cycle Activity:

Q1	Q2	Q3	Q4
Decode	Read register 'f'	Process Data	No operation

If skip:

Q1	Q2	Q3	Q4
No operation	No operation	No operation	No operation

If skip and followed by 2-word instruction:

Q1	Q2	Q3	Q4
No operation	No operation	No operation	No operation
No operation	No operation	No operation	No operation

Example: HERE   CPFSEQ REG, 0
                       NEQUAL   :
                       EQUAL   :

Before Instruction

    PC Address   =   HERE
    W   =   ?
    REG   =   ?

After Instruction

    If REG   =   W;
         PC   =   Address (EQUAL)
    If REG   ≠   W;
         PC   =   Address (NEQUAL)

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