CPFSGT

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CPFSGT	Compare	t with V	V, skip it	t > W
Syntax:	[label]	CPFSGT	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	010a	ffff	ffff
Description:	Compares the contents of data memory location 'f' to the contents of the W by performing an unsigned subtraction. If the contents of 'f' are greater than the contents of WREG, 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:

341	QZ	Q3	Q4
Decode	Read	Process	No
	register 'f'	Data	operation

If skip:

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

If skip and followed by 2-word instruction:

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

Example: HERE CPFSGT REG, 0

> NGREATER GREATER

Before Instruction

PC = Address (HERE)

W

After Instruction

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