BSF

< Previous instruction: BRA | Instruction index | Next instruction: BTFSC >

BSF	Bit Set f

Syntax:	[*label*] BSF f,b[,a]
Operands:	$0 \leq f \leq 255$ $0 \leq b \leq 7$ $a \in [0,1]$
Operation:	$1 \rightarrow f$<b>
Status Affected:	None
Encoding:	

1000	bbba	ffff	ffff

Description:	Bit 'b' in register 'f' is set. If 'a' is 0 Access Bank will be selected, over-riding the BSR value. If 'a' = 1, then the bank will be selected as per the BSR value.
Words:	1
Cycles:	1

Q Cycle Activity:

Q1	Q2	Q3	Q4
Decode	Read register 'f'	Process Data	Write register 'f'

Example: BSF   FLAG_REG, 7, 1

    Before Instruction
        FLAG_REG   =   0x0A
    After Instruction
        FLAG_REG   =   0x8A

< Previous instruction: BRA | Instruction index | Next instruction: BTFSC >