

BCF

< Previous instruction: [BC](#) | Instruction [index](#) | Next instruction: [BN](#) >

BCF	Bit Clear f								
Syntax:	[<i>label</i>] BCF f,b[,a]								
Operands:	$0 \leq f \leq 255$ $0 \leq b \leq 7$ $a \in [0,1]$								
Operation:	$0 \rightarrow f\langle b \rangle$								
Status Affected:	None								
Encoding:	<table><tr><td>1001</td><td>bbba</td><td>ffff</td><td>ffff</td></tr></table>	1001	bbba	ffff	ffff				
1001	bbba	ffff	ffff						
Description:	Bit 'b' in register 'f' is cleared. 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								
Q Cycle Activity:	<table><tr><th>Q1</th><th>Q2</th><th>Q3</th><th>Q4</th></tr><tr><td>Decode</td><td>Read register 'f'</td><td>Process Data</td><td>Write register 'f'</td></tr></table>	Q1	Q2	Q3	Q4	Decode	Read register 'f'	Process Data	Write register 'f'
Q1	Q2	Q3	Q4						
Decode	Read register 'f'	Process Data	Write register 'f'						

Example: BCF FLAG_REG, 7, 0

Before Instruction

FLAG_REG = 0xC7

After Instruction

FLAG_REG = 0x47

< Previous instruction: [BC](#) | Instruction [index](#) | Next instruction: [BN](#) >