BTG

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BTG	Bit Toggle f
Syntax:	[*label*] BTG f,b[,a]
Operands:	$0 \le f \le 255$ $0 \le b \le 7$ $a \in [0,1]$
Operation:	$(\overline{f<b>}) \rightarrow f<b>$
Status Affected:	None
Encoding:		0111	bbba	ffff	ffff	
Description:	Bit 'b' in data memory location 'f' is inverted. 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:

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

Example: BTG   PORTC,   4, 0

Before Instruction:
    PORTC =   0111 0101 [0x75]
After Instruction:
    PORTC =   0110 0101 [0x65]

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