

XORLW

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XORLW	Exclusive OR literal with W			
Syntax:	[<i>label</i>] XORLW k			
Operands:	$0 \leq k \leq 255$			
Operation:	(W) .XOR. k \rightarrow W			
Status Affected:	N, Z			
Encoding:	0000	1010	kkkk	kkkk
Description:	The contents of W are XORed with the 8-bit literal 'k'. The result is placed in W.			
Words:	1			
Cycles:	1			
Q Cycle Activity:				
	Q1	Q2	Q3	Q4
	Decode	Read literal 'k'	Process Data	Write to W

Example: XORLW 0xAF

Before Instruction

W = 0xB5

After Instruction

W = 0x1A

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