IORLW

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IORLW	Inclusive OR literal with W
Syntax:	[*label*] IORLW k
Operands:	$0 \leq k \leq 255$
Operation:	(W) .OR. k $\rightarrow$ W
Status Affected:	N, Z
Encoding:	0000 1001 kkkk kkkk
Description:	The contents of W are OR'ed with the eight-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: IORLW   0x35

Before Instruction

W   =   0x9A

After Instruction

W   =   0xBF

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