

12-Bit/14-Bit Instruction Width Pseudo-Instructions



The following pseudo-instructions are applicable to both the 12-bit and 14-bit instruction word devices. These pseudo-instructions are alternative mnemonics for standard PICmicro instructions or are macros that generate one or more PICmicro instructions. Use of these pseudo-instructions is not recommended for new designs. These are documented mainly for historical purposes.

TABLE: 12-BIT/14-BIT SPECIAL INSTRUCTION MNEMONICS

Mnemonic		Description	Equivalent Operation(s)		Status
ADDCF	f, d	Add Carry to File	BTFSC INCF	3, 0 f, d	Z
ADDDCF	f, d	Add Digit Carry to File	BTFSC INCF	3, 1 f, d	Z
B	k	Branch	GOTO	k	-
BC	k	Branch on Carry	BTFSC GOTO	3, 0 k	-
BDC	k	Branch on Digit Carry	BTFSC GOTO	3, 1 k	-
BNC	k	Branch on No Carry	BTFSS GOTO	3, 0 k	-
BNDC	k	Branch on No Digit Carry	BTFSS GOTO	3, 1 k	-
BNZ	k	Branch on No Zero	BTFSS GOTO	3, 2 k	-
BZ	k	Branch on Zero	BTFSC GOTO	3, 2 k	-
CLRC		Clear Carry	BCF	3, 0	-
CLRDC		Clear Digit Carry	BCF	3, 1	-
CLRZ		Clear Zero	BCF	3, 2	-
LCALL	k	Long Call	BCF/BSF BCF/BSF CALL	0x0A, 3 0x0A, 4 k	
LGOTO	k	Long GOTO	BCF/BSF BCF/BSF GOTO	0x0A, 3 0x0A, 4 k	
MOVFW	f	Move File to W	MOVF	f, 0	Z
NEGF	f, d	Negate File	COMF INCF	f, 1 f, d	Z
SETC		Set Carry	BSF	3, 0	-
SETDC		Set Digit Carry	BSF	3, 1	-
SETZ		Set Zero	BSF	3, 2	-
SKPC		Skip on Carry	BTFSS	3, 0	-
SKPDC		Skip on Digit Carry	BTFSS	3, 1	-
SKPNC		Skip on No Carry	BTFSC	3, 0	-
SKPNDC		Skip on No Digit Carry	BTFSC	3, 1	-

SKPNZ		Skip on Non Zero	BTFSC	3,2	-
SKPZ		Skip on Zero	BTFSS	3,2	-
SUBCF	f,d	Subtract Carry from File	BTFSC DECF	3,0 f,d	Z
SUBDCF	f,d	Subtract Digit Carry from File	BTFSC DECF	3,1 f,d	Z
TSTF	f	Test File	MOVF	f,1	Z



Microchip Technology Inc.

[Microchip Web Site](#)

Voice: (480) 792-7200

Fax: (480) 792-7277

[Microchip Technical Support](#)