


```
.z80
external Word,NBits
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                                ;Function ROTLFT
                                ;integer Word by
0000' 2A 0000*      rotlft: ld    HL,(Word)
0003' 3A 0000*      ld    A,(NBits)
0006' E6 0F        and    0FH
0008' B7           or    A
0009' C8           ret    Z                                ;No rotation
                                                ;if NBits 0
000A' 47           ld    B,A
000B' 7D           ld    A,L
000C' 2E 00        ld    L,0
000E' CB 27        loop:  sla   A                                ;MSB in carry
0010' CB 14        rl    H
0012' 8D           adc   A,L                                ;Carry restore
0013' 10 F9        djnz  loop
0015' 6F           ld    L,A                                ;Result in HL
0016' C9           ret
                                end    rotlft
```

Macros:

Symbols:

LOOP 000E' NBITS 0004* ROTLFT 0000' WORD 0001*

No Fatal error(s)

→

000E' CB 27
0010'

loop: sla A

;MSB in carry