

```
<< Add >> (Direct)
T3 D0 I' : DR - M[AR]
   Ty Do I': AC - AC+DR, E - Cour, SC - O
< < Add >> (Indirect)
   T3 Do I
           AR \leftarrow M[AR][11:0]
   14 Do I
               DR - M[AR]
   TSDOI
                AC - AC, DR, E - Com. SC +0
<< Load >> (direct)
   13D, I': DR - M[AR]
   T+ D, I': AC -0
    T5 D, I'.
             AC < AC+DR, Sc < 0
<< Load >> (Indirect)
    T3D, I AR - M[AR][11:0]
    T4D, I
                DR <- M[AR], Sc <- 0
    15 D, I
                AC -10
                           -0
    T6 D, I
               AC - AC+DR, Sc - 0
```

T3
$$D_2$$
 I'

M[AR] \(-AC, SC \(-O \)

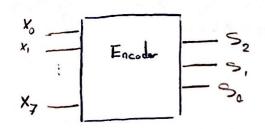
\(\left\)

T3 D_2 I

M[AR] \(-M[AR][1:0] \)

T3 D_2 I

M[AR] \(-AC, SC \(-O \)



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$$X_2 = \frac{1}{10}$$

$$X_{4} = \overline{I_{3}D_{2}I'} + \overline{I_{4}D_{2}I}$$

$$X_{s} = \frac{1}{12}$$

$$X_{7} = \frac{1}{1} + \frac{1}{13} D_{0}I' + \frac{1}{13} D_{0}I + \frac{1}{14} D_{0}I$$

$$+ \frac{1}{13} D_{1}I' + \frac{1}{13} D_{1}I + \frac{1}{14} D_{1}I$$

$$+ \frac{1}{13} D_{2}I$$