

4446M19V-LSmax510

منق

$$10011100 \xrightarrow{1 \text{ plus}} 01100011 = 64 + 32 \quad (1)$$

$$+ 2 + 1 = 99$$

$$10011100 = -99$$

+4

$$10011100 \xrightarrow{2 \text{ plus}} 01100100 = 64 + 32 \quad (2)$$

منق

4

$$+ 8 = 100$$

$$10011100 = -100$$

+4

$$10011100 = 128 + 16 + 8 + 7 = 159$$

$$= 1011000010$$

$$(1001.1100)_2 = 8 + 1 + 2^{-1} + 2^{-2} = 9 + \frac{1}{2} + \frac{1}{4} \quad (3)$$

$$= 9.75$$

+6

$$(1001.1100)_2 \xrightarrow{1 \text{ plus}} (0110.0100)_2$$

منق

(4)

$$= 4 + 2 + 2^{-2} = 6.25$$

$$\Rightarrow 1001.1100 = -6.25$$

+6