

1AB4

cd e f s h  
20950275

$$75 \% 9 = 3.$$

$$27 \% 7 = 6.$$

$$z = ((7 \times 12 + 5) \bmod 9) + 1 = 3 + 1 = 4 \rightarrow \text{Freq} = 40 \text{ kHz}$$

$$y = ((2 \times 10 + 7) \bmod 7) + 2 = 6 \rightarrow \text{Duty cycle} = 60\%$$

$$w = ((5 \times 10 + 0) \bmod 9) + 1 = 5 + 1 = 6 \rightarrow 60 \text{ Hz}$$

$$x = ((1 \times 10 + 5) \bmod 7) + 2 = 4 + 2 = 6 \rightarrow 60\%$$