

$$\frac{1}{8} = \frac{1}{2^3} = \frac{1}{4^2} = \frac{1}{8}$$

8 --- 1

0: 0011.1111  
 1: 0000.0110  
 2: 0101.1011  
 3: 0100.1111  
 4: 0110.0110  
 5: 0110.1101  
 6: 0111.1101  
 7: 0000.0111  
 8: 0111.1111  
 9: 0110.1111

X Consider setting a hard value instead of subtracting (saber) doesn't work with current design  
 - Scale comparisons & additions according to clock rate (10 Hz?)

