```
Convert to NASA Format
    0.125,0 - .125x16 = 2.0
         =.2_{16}=.1_8=.001_2
     .0012 = 0.12 × 2
                       Power or
                        Charactenistic
          MANTISSA
or Fraction
  2 = 0000 0010
                  15cop ~2 = 1/1/ 1/0/
                 2's comp - 2 = 1111 1110
  Converting to Hex Representation
  0100 0000 0000 0000 0000 1111 1110
        0 0 0 0 0 F E
           0 0 0 0
```

Convert to NASA Format 0.1 × 16 = 1.6 0.1,0 0.6 × 16 = 9.6 0.6 × 16 = 9.6 - 0.19599. ... = 0.19₁₆ 0.19/16 = 0.0001 1001 1001 1001. = 0.00011002 -> 3 = 0000 0011 $=0.1100\times2^{-3}$ ~3 = 1111 1100 -3 = 1111 1101 0.110 0110 | 0110 | 0110 | 0110 | 0110 | 1111 | 1101 Convert to Hex Representation 6 6 6 F D 6 6 Negative 9 9 A F D