Range 13-4095

Tread = 119.5 nS

Tlab3 = 3.78 uS

Ts = Tlab3

fs = 1/Ts

freq\_sine = 3kHz, freq\_square = 3kHz, limit was ~ 130kHz

2.1 freq = 3kHz

2.2 freq = 30kHz

2.3 freq = 24.5kHz

2.4 freq = 12.4kHz