Freezer Network Application (Slave PsuedoCode)

MAIN

Initialization

IO – All Digital

Clock Stabilized

Interrupts UART(ant), CN, Timer 4/5

ADC AN7

LEDs Timer1 PWM(100Hz <1% duty) OC-IC

Continually

Sleep

Turn on LEDs

Take a Temperature

Decide to send email (temp to high or button pressed)