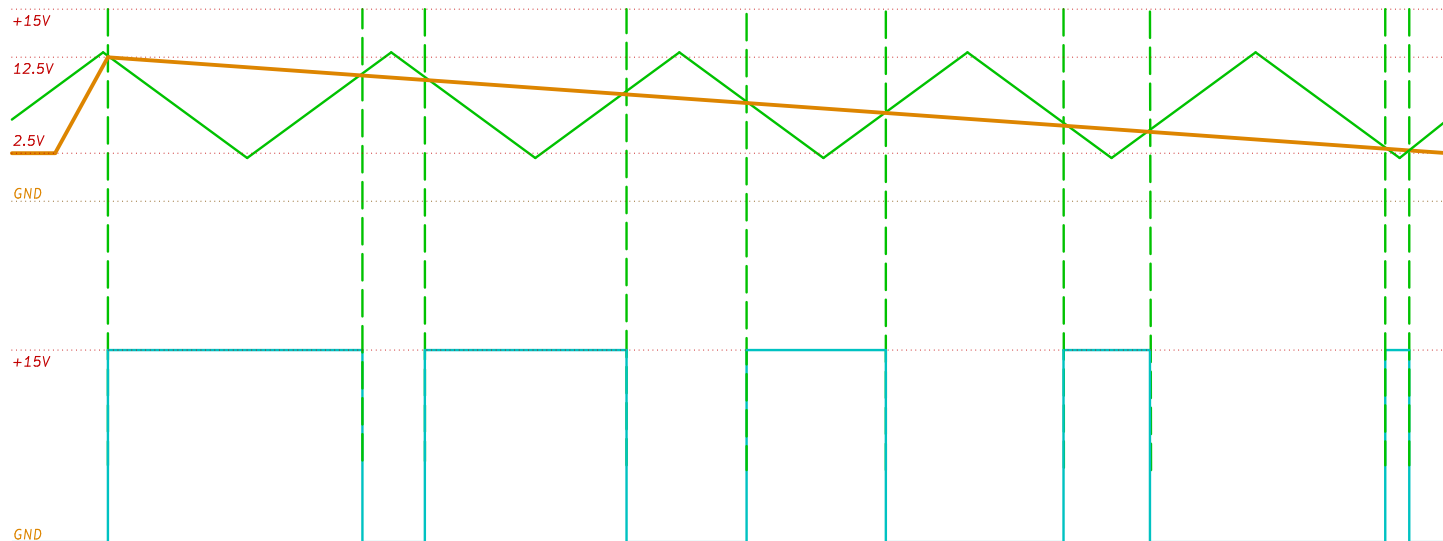


ORANGE: Input Signal  
GREEN: 1KHz – 10KHz  
Tri. Oscillator

CYAN: Comparator  
Output



PAGE 2:

RX TIMING  
DIAGRAM

File: 02\_RXTiming.kicad\_sch

PAGE 3:

TX/RX BLOCK  
DIAGRAM

File: 03\_TXRXBlocks.kicad\_sch

PAGE 4:

FULL SYSTEM  
SCHEMATIC

File: 04\_TXRXFullSchema.kicad\_sch

Drawn By: Mark Vaughn  
ZAM Industries, LLC

Sheet: /  
File: Lab\_08.kicad\_sch

**Title: PWM Modulator/Transmitter Timing Diagram**

Size: A4 Date: 2024-03-16

KiCad E.D.A. kicad 7.0.5

Rev: 0

Id: 1/4

ORANGE: Input Signal

GREEN: Ramp Gen.  
CYAN: S&H Output

BLUE: S&H Capture  
One-shot

VIOLET: Ramp Reset  
One-shot

