



| MODE OUTPUTS | | |
|--------------|-----------------|--|
| Idx | Mode | Output |
| 0 | Usart test | DIGI_OUT_1 |
| 1 | Runt pulse test | ANG_OUT_0 |
| 2 | Two pulse test | Pulse 1=DIGI_OUT_0, Pulse 2=DIGI_OUT_1 |
| 3 | Sawtooth wave | ANG_OUT_0 |
| 4 | Triangle wave | ANG_OUT_0 |
| 5 | I2c test | SCL=DIGI_OUT_0, SDA=DIGI_OUT_1 |
| 6 | Sine wave | ANG_OUT_0 |
| 7 | Am wave | ANG_OUT_0 |
| 8 | ERROR | ----- |

| STATUS LED MEANING | | |
|--------------------|-----------------|--|
| Idx | Mode | Status Leds (STAT_LED_3, LED_2, LED_1, LED_0) |
| 0 | Usart test | 0, 0, 0, 1 |
| 1 | Runt pulse test | 0, 0, 1, 0 |
| 2 | Two pulse test | 0, 0, 1, 1 |
| 3 | Sawtooth wave | 0, 1, 0, 0 |
| 4 | Triangle wave | 0, 1, 0, 1 |
| 5 | I2c test | 0, 1, 1, 0 |
| 6 | Sine wave | 0, 1, 1, 1 |
| 7 | Am wave | 1, 0, 0, 0 |
| 8 | ERROR | 1, 1, 1, 1 |

Demo board to check various oscilloscope features using simple tests

Microcontroller: Atmega8A

<https://github.com/coderarjob/signal.echo>

Sheet: /

File: scopetester_v1.kicad_sch

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