

Lab 0

Waveforms

min : -4.595mV (DC) } across resistor R_1 $R_1 =$
 max : 1.394V

min : 4.155mV (DC) } across $R_1 + LED$
 max : 3.182V

logger

avg min : 3.84mV
 avg max : 1.39V
 avg freq : 574.20mHz

R_1

Oscope

avg min : 6.70mV
 avg max : 1.70V
 avg freq : 574.27mHz

$R_1 + LED$

min : 4.09mV (True RMS)
 max : 1.393V
 min : 1.774mV (AC RMS)
 max : 698mV

R_1

min : 4.325mV (True RMS)
 max : 3.18V
 min : 1.712mV (AC RMS)
 max : 1.576V

$R_1 + LED$

more logger

Note: For TX 0 pin (UART 0) had to add an auto arbitrary baud instead of auto standard "

For the TX logic you can see the hex codes for ASCII characters coming through

A	n	d	r	e	w
41	6E	64	72	65	77

R	o	b	e	r	t	S	o	n
52	6F	62	65	72	74	73	6F	6E

