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Video 38 — LM358 Lab Measurements

First Test

VCC: 5.04 V

Vin (Pin 3): 0.5 V

V− (Pin 2): 0.5 V

Vout (Pin 1): 1.0 V

Calculated

Vin: 0.5v

Vout: 1.0v

Calculated Av

1.995

Measured Av

2.0

Second Test

Vin (Pin 3): 1.0 V

V− (Pin 2): 1.0 V

Vout (Pin 1): 2.0 V

Vin = 1.0v

Vout = 2.0v

Third Test

Vin (Pin 3): 1.5 V

V− (Pin 2): 1.5 V

Vout (Pin 1): 3.0 V

Vin = 1.5v

Vout = 3.0v