

# Order Details

## Order Status

Order Entered

We will update your current order status soon.

## Summary

Sales Order #:	-
Web Order #:	35409347
Customer Name	Kathy Brewer
Customer #	-
Order Date:	03-Apr-25

## Billing Address

Texas AM University Electrical Computer Eng  
ECEN Business Office  
3128 TAMU  
College Station, TX 77843-3128  
United States

## Shipping Address

Texas A&M ECEN  
Aidan Rader (Capstone)  
188 Bizzell Street  
WEB Room 076  
College Station, TX 77843-3128  
United States

## Payment Method

Payment Method:  
NET Terms  
  
PO Number:  
02-460004-00000

## Shipping Method

UPS Ground  
  
Selected Delivery Method  
Single Shipment [?](#)

Product Detail	Customer #	Order Qty.	Price (USD)	Ext. (USD)	Status	Date	Invoice #
<div>Mouser #: <a href="#">71-CRCW0805-10K-E3</a></div> <div>Mfr. #: CRCW080510K0FKEA</div> <div>Desc.: Thick Film Resistors - SMD Thick Film Resistors - SMD 1/8watt 10Kohms 1% 100ppm</div>		20	\$0.038	\$0.76	20 Pending	Pending	-
<div>Mouser #: <a href="#">926-LM358AN/NOPB</a></div> <div>Mfr. #: LM358AN/NOPB</div> <div>Desc.: Operational Amplifiers - Op Amps Operational Amplifiers - Op Amps LOW PWR DUAL OP AMP</div>		10	\$0.504	\$5.04	10 Pending	Pending	-
<div>Mouser #: <a href="#">634-SI8635BC-B-IS1</a></div> <div>Mfr. #: SI8635BC-B-IS1</div> <div>Desc.: Digital Isolators Digital Isolators 3.75 kV 3-channel digital isolator</div>		2	\$4.20	\$8.40	2 Pending	Pending	-
<div>Mouser #: <a href="#">630-HCNR201-500E</a></div> <div>Mfr. #: HCNR201-500E</div> <div>Desc.: High Linearity Optocouplers High Linearity Optocouplers 1 Ch 60mW 25mA</div>		3	\$4.97	\$14.91	3 Pending	Pending	-

Product Detail	Customer #	Order Qty.	Price (USD)	Ext. (USD)	Status	Date	Invoice #
<b>Mouser #:</b> <a href="#">710-662108145021</a> <b>Mfr. #:</b> 662108145021 <b>Desc.:</b> Headers & Wire Housings Headers & Wire Housings WR-MPC3 3.0mm Male 8Pin Single Angled		3	\$2.38	\$7.14	3 Pending	Pending	-
<b>Mouser #:</b> <a href="#">710-66201221022</a> <b>Mfr. #:</b> 66201221022 <b>Desc.:</b> Headers & Wire Housings Headers & Wire Housings WR-MPC3 3mmMale Angd 12Pin DualRw PlstPgs		3	\$0.81	\$2.43	3 Pending	Pending	-
<b>Mouser #:</b> <a href="#">512-KSP2907ACTA</a> <b>Mfr. #:</b> KSP2907ACTA <b>Desc.:</b> Bipolar Transistors - BJT Bipolar Transistors - BJT PNP Si Transistor Epitaxial  <b>Estimated Tariff</b>		10	\$0.172	\$1.72	10 Pending	Pending	-
<b>Mouser #:</b> <a href="#">71-CRCW0805-80.6K-E3</a> <b>Mfr. #:</b> CRCW080580K6FKEA <b>Desc.:</b> Thick Film Resistors - SMD Thick Film Resistors - SMD 1/8watt 80.6Kohms 1% 100ppm		20	\$0.023	\$0.46	20 Pending	Pending	-
<b>Mouser #:</b> <a href="#">603-RC0805FR-071KL</a> <b>Mfr. #:</b> RC0805FR-071KL <b>Desc.:</b> Thick Film Resistors - SMD Thick Film Resistors - SMD 1 kOhms 125 mW 0805 1%		10	\$0.011	\$0.11	10 Pending	Pending	-
<b>Mouser #:</b> <a href="#">80-C0805C101K5G</a> <b>Mfr. #:</b> C0805C101K5GACTU <b>Desc.:</b> Multilayer Ceramic Capacitors MLCC - SMD/SMT Multilayer Ceramic Capacitors MLCC - SMD/SMT 50V 100pF C0G 0805 10%		20	\$0.033	\$0.66	20 Pending	Pending	-
<b>Mouser #:</b> <a href="#">581-08051C104K4</a> <b>Mfr. #:</b> 08051C104K4T2A <b>Desc.:</b> Multilayer Ceramic Capacitors MLCC - SMD/SMT Multilayer Ceramic Capacitors MLCC - SMD/SMT KAM21KR72A104KU NW G LOB PN 100V 0.1uF X7 A 581-KAM21KR72A104KU		30	\$0.123	\$3.69	30 Pending	Pending	-
<b>Mouser #:</b> <a href="#">74-293D106X9010B2TE3</a> <b>Mfr. #:</b> 293D106X9010B2TE3 <b>Desc.:</b> Tantalum Capacitors - Solid SMD Tantalum Capacitors - Solid SMD 10uF 10volts 10% B case Molded  <b>Estimated Tariff</b>		20	\$0.325	\$6.50	20 Pending	Pending	-
<b>Mouser #:</b> <a href="#">71-CRCW0805-49.9-E3</a> <b>Mfr. #:</b> CRCW080549R9FKEA <b>Desc.:</b> Thick Film Resistors - SMD Thick Film Resistors - SMD 1/8watt 49.9ohms 1% 100ppm		20	\$0.026	\$0.52	20 Pending	Pending	-

Product Detail	Customer #	Order Qty.	Price (USD)	Ext. (USD)	Status	Date	Invoice #
<b>Mouser #:</b> <a href="#">71-CRCW1206-300-E3</a> <b>Mfr. #:</b> CRCW1206300RFKEA <b>Desc.:</b> Thick Film Resistors - SMD Thick Film Resistors - SMD 1/4watt 300ohms 1%		10	\$0.034	\$0.34	10 Pending	Pending	-
<b>Mouser #:</b> <a href="#">621-1N4148W-F</a> <b>Mfr. #:</b> 1N4148W-7-F <b>Desc.:</b> Small Signal Switching Diodes Small Signal Switching Diodes SURFACE MOUNT FAST SWITCHING DIODE  <b>Estimated Tariff</b>		20	\$0.034  \$0.01	\$0.68  \$0.20	20 Pending	Pending	-
<b>Mouser #:</b> <a href="#">747-GUO40-12NO1</a> <b>Mfr. #:</b> GUO40-12NO1 <b>Desc.:</b> Bridge Rectifiers Bridge Rectifiers 40 Amps 1200V		1	\$18.71	\$18.71	1 Pending	Pending	-
<b>Mouser #:</b> <a href="#">833-2N7002-TP</a> <b>Mfr. #:</b> 2N7002-TP <b>Desc.:</b> MOSFETs MOSFETs 60V, 115mA  <b>Estimated Tariff</b>		10	\$0.085  \$0.009	\$0.85  \$0.09	10 Pending	Pending	-

THIS ORDER IS SUBJECT TO ALL TERMS AND CONDITIONS DISPLAYED AT: [www.mouser.com/saleterms/](#)

**MERCHANDISE TOTAL:** \$72.92  
**ESTIMATED TARIFF:** \$1.12  
**ORDER TOTAL:** \$82.03

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**Re: ECEN-404-903 VFD Motor Controller #70**

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**Lusher II, John David** <john.lusher@tamu.edu>  
To: "Rader, Aidan D" <aidandrader@tamu.edu>

Wed, Apr 2, 2025 at 10:02 PM

Approved.

On Apr 2, 2025, at 9:06 PM, Aidan Rader <aidandrader@tamu.edu> wrote:

Howdy Professor,

I have included below the information to order parts. Please let me know if you need anything else to approve the order.

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**Aidan Rader '25**  
Texas A&M University  
Electrical Engineering  
UIN: 631002772  
<Budget (7).pdf>



**From:** [Aidan Rader](#)  
**To:** [ECEN Business Office](#)  
**Subject:** ECEN-404-903 VFD Motor Controller #70  
**Date:** Thursday, April 3, 2025 12:19:00 AM  
**Attachments:** [budget\\_order7.pdf](#)  
[professor\\_approval\\_order7.pdf](#)

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Howdy,

I have included below the information to order parts. Please let me know if you need anything else to complete the order.

Mouser Cart: <https://www.mouser.com/ProjectManager/ProjectDetail.aspx?AccessID=880a2f7210>

Digikey Cart: <https://www.digikey.com/short/tqv77q2r>

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**Aidan Rader '25**  
Texas A&M University  
Electrical Engineering  
UIN: 631002772