Mouser Electronics®
1000 North Main Street
Mansfield, TX 76063
USA
(800) 346-6873

Order Details

Summary

Sales Order #:	-
Web Order #:	33837696
Customer Name	Kathy Brewer
Customer #	-
Order Date:	16-Oct-24

Order Status

Order Entered

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 University Electrical and Computer Engineering
Ryan Regan (Capstone)
188 Bizzell St.
Wisenbaker Engr. Bldg., Rm 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 #
Mouser #:	579-DM330030		2	$75.89	$151.78	2 Pending	Pending	-
Mfr. #:	DM330030							
Desc.:	Development Boards & Kits - PIC / DSPIC Development Boards & Kits - PIC / DSPIC dsPIC33CK Curiosity Development Board							

THIS ORDER IS SUBJECT TO ALL TERMS AND CONDITIONS DISPLAYED AT: www.mouser.com/saleterms/

MERCHANDISE TOTAL: $151.78
ORDER TOTAL: $160.67

From:	Ryan Regan
To:	ECEN Business Office
Subject:	ECEN 403-903 VFD Motor Control Group Order Request
Date:	Tuesday, October 15, 2024 6:37:13 PM
Attachments:	Budget 3.xlsx Texas A&M University Mail - VFD Motor Control Firmware Subsystem Introduction Project.pdf

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Digikey Cart: https://www.digikey.com/short/trd5wqq7

Mouser Cart: https://www.mouser.com/ProjectManager/ProjectDetail.aspx?AccessID=75c85def79

Amazon Wishlist: https://www.amazon.com/dp/B0CBZ91R5J/?coliid=IEB0MSIMFMLYM&colid=H84NHAVCHYF0&psc=1&ref_=cm_sw_r_cp_ud_lstpd_H7MR95RFBQEG08KH3FDP

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Ryan Regan
ryan13516@tamu.edu
C: (904) 806-6884
UIN: 730000003

TEXAS A&M UNIVERSITY

Ryan Regan <ryan13516@tamu.edu>

VFD Motor Control Firmware Subsystem Introduction Project

7 messages

Ryan Regan <ryan13516@tamu.edu> Tue, Oct 15, 2024 at 3:27 PM
To: Shima Hasanpour <shimahasanpour@tamu.edu>
Cc: John Lusher <john.lusher@tamu.edu>

Howdy,

I was just in my ECEN403-903 lab with you and was unable to present my subsystem introduction project because my group had not ordered our development board yet. I was unable to get my code working on the different development board that we found in the cage, so I plan to present it to Dr. Lusher on Friday during the Blitz meeting. He told me this morning that this would be fine after I showed him the work that I had done besides the intro project.

Is my group approved to place the order on the items listed in the sheet that we sent you last weekend? I'll attach it to this email thread as well for your reference.

Thanks,

Ryan Regan
ryan13516@tamu.edu
C: (904) 806-6884
UIN: 730000003

Budget.xlsx
23K

John Lusher <john.lusher@tamu.edu> Tue, Oct 15, 2024 at 3:35 PM
To: Ryan Regan <ryan13516@tamu.edu>, Shima Hasanpour <shimahasanpour@tamu.edu>

What is the TTL-232R-5V-PCB being used for? Getting a USB to serial cable is ok, but this is one, not a cable, and two, not the correct voltage of the MCU, which is 3.3VDC. You all need to pay attention to voltage levels!

John

From: Ryan Regan <ryan13516@tamu.edu>
Sent: Tuesday, October 15, 2024 3:27 PM
To: Shima Hasanpour <shimahasanpour@tamu.edu>
Cc: John Lusher <john.lusher@tamu.edu>
Subject: VFD Motor Control Firmware Subsystem Introduction Project

[Quoted text hidden]

John Lusher <john.lusher@tamu.edu> Tue, Oct 15, 2024 at 3:36 PM
To: Ryan Regan <ryan13516@tamu.edu>, Shima Hasanpour <shimahasanpour@tamu.edu>

This would be more logical:
https://www.digikey.com/en/products/detail/ftdi-future-technology-devices-international-ltd/TTL-232R-RPI/4382044

John

From: John Lusher <john.lusher@tamu.edu>
Sent: Tuesday, October 15, 2024 3:35 PM
To: Ryan Regan <ryan13516@tamu.edu>; Shima Hasanpour <shimahasanpour@tamu.edu>
Subject: Re: VFD Motor Control Firmware Subsystem Introduction Project

[Quoted text hidden]

John Lusher <john.lusher@tamu.edu> Tue, Oct 15, 2024 at 3:37 PM
To: Ryan Regan <ryan13516@tamu.edu>, Shima Hasanpour <shimahasanpour@tamu.edu>

Make sure to get the dev kit order today:

That line item is approved for sure, and it is from Mouser.
https://www.mouser.com/ProductDetail/Microchip-Technology/DM330030?qs=mAH9sUMRCttpKwFgVpiwdw%3D%3D

John

From: John Lusher <john.lusher@tamu.edu>
Sent: Tuesday, October 15, 2024 3:36 PM
[Quoted text hidden]

[Quoted text hidden]

Ryan Regan <ryan13516@tamu.edu> Tue, Oct 15, 2024 at 3:41 PM
To: John Lusher <john.lusher@tamu.edu>
Cc: Shima Hasanpour <shimahasanpour@tamu.edu>

Thanks, I'll send the order in for the development board as soon as possible.

The UART to USB is a mistake I need to take it off, when I put it on there I didn't understand how the UART portion of the dev board worked or what it did. Let me send you an updated sheet, apologies for the confusion.

Ryan Regan
ryan13516@tamu.edu
C: (904) 806-6884
UIN: 730000003

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Budget.xlsx
23K

Ryan Regan <ryan13516@tamu.edu> Tue, Oct 15, 2024 at 4:00 PM
To: John Lusher <john.lusher@tamu.edu>
Cc: Shima Hasanpour <shimahasanpour@tamu.edu>

Wrong attachment, here is the updated version:

Ryan Regan
ryan13516@tamu.edu
C: (904) 806-6884
UIN: 730000003

[Quoted text hidden]

2 attachments

Budget 3.xlsx
23K

Budget.xlsx
23K

Shima Hasanpour <shimahasanpour@tamu.edu> Tue, Oct 15, 2024 at 4:08 PM
To: Ryan Regan <ryan13516@tamu.edu>
Cc: John Lusher <john.lusher@tamu.edu>

approved.
[Quoted text hidden]
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Best Regards
Shima Hasanpour, Ph.D. Student
Advanced Electric Machines & Power Electronics (EMPE) Lab.
Texas A&M University