

Requester's Name: Team 1
Requester's T Number: Full Item List
Requester's Class: ECE 4971 (Capstone II)
Requester's Team: 1
Requester's Email: jdsmith42@tntech.edu

Date Needed	Quantity	Price for Qty 1	MFG
10/14/2024	1	\$23.00	Arduino
10/14/2024	1	\$8.99	HiLetgo
10/7/2024	1	\$13.99	Waveshare
10/7/2024	1	\$18.90	ACOPower
10/7/2024	1	\$4.79	Amazon
10/7/2024	1	\$16.99	CBJJ
10/22/2024	1	\$7.99	Teansic
10/7/2024	1	\$15.08	MEAN WELL ENTERPRISES CO., LTD.
10/7/2024	1	\$3.95	First Source
10/7/2024	1	\$7.99	Raspberry
10/7/2024	1	\$10.68	Bussmann
10/7/2024	1	\$7.90	Jameco Valuepro
10/7/2024	1	\$19.99	TICONN
10/7/2024	1	\$23.00	Arduino
9/25/2024	0	\$55.00	Raspberry Pi Foundation
9/25/2024	2	\$9.99	Jinoarc
9/25/2024	1	\$13.66	ZOSKAY
9/25/2024	1	\$13.66	ZOSKAY
9/25/2024	1	\$50.00	Raspberry Pi Foundation
9/25/2024	1	\$50.00	Arducam
9/25/2024	1	\$5.49	Arducam
9/25/2024	1	\$6.99	Gubcub
9/30/2024	1	\$80.00	Raspberry Pi
9/30/2024	1	\$14.00	UeeKKoo
9/30/2024	1	\$23.39	KingSpec
9/30/2024	1	\$9.95	HiPi.io
9/30/2024	1	\$4.95	Cableshop.ca
9/30/2024	1	\$13.60	Raspberry Pi
9/30/2024	1	\$6.99	PNY
9/30/2024	1	\$6.45	Raspberry Pi

Total \$502.35

MFG Part Number	Distributor	Distributor Part Number
ABX00092	Amazon	B0C947BHK5
3-01-0254	Amazon	B010N1ROQS
16120	Amazon	B094FWZVFH
HY-005-Mono	Amazon	B01M0UEP4W
L6LUC009-CS-R	Amazon	B01GGKYKQM
14P001	Amazon	B0BRCSBH34
IC354	Amazon	B0B4J5NJ2Y
LRS-50-5	Amazon	B085QKVLB6
1N5400	Amazon	B0071DZVDU
SC0214	Amazon	B07Z8P61DQ
MDL-1BK	Amazon	B00SU2I7YG
GFS703-R	Amazon	B00B8883TS
Not Available	Amazon	B0B87VR84G
ABX00092	Amazon	B0C947BHK5
SC0194(9)	ECE Dept	-
N/A	Amazon	B0BYNBZHD1
DS3218	Amazon	B01MU7TQV8
DS3218MG	Amazon	B01N0XZOZU
SC1220	PiShop	697-1
LN048	Amazon	B088GTLJC6
CB006	Amazon	B087FDJ2RP
GUB-6-20	Amazon	B09VSYD66
SC1112	PiShop	8GB-9028
SC1166	PiShop	5056561801463
NT-512 2242	Amazon	B01MR5O5YS
N/A	PiShop	605926258315
N/A	PiShop	CS-PID-301
SC1153	PiShop	1244-1
P-SDU32GU185GW-GE	Amazon	B07R8GVGN9
SC1148	PiShop	374-1

Description
Arduino Nano ESP32 with headers [ABX00083] ESP32-S3
Serial WiFi Transceiver Wireless Module Development Board
Waveshare Solar Power Management Module
5W-Solar-Battery-Trickle-Charger-Maintainer 12V-Solar-Panel
Amazon Basics USB-C to USB-A 2.0 Fast Charger Cable
14500 Rechargeable Battery 2500mAh 3.7Volt Li-ion Batteries Button Top 4 Pack
USB Type C Connector Board DIY 3.1 Serial Basic Breakout Female Connector USB Type C Breakout E
MEAN WELL LRS-50-5 50W 5VDC 10A Single Ouput Switching Mode Power Supply
Ces 1N5400 3 Amp Diode D3A 10 Pack
Raspberry Pi 15 W USB-C Power Supply
Bussmann MDL-1 Glass Fuse 1 Amp 250 Volt Time Delay (5 pack)
Jameco Valuepro GFS703-R Fuse Holder, in-Line,(Pack of 10)
TICONN Waterproof Electrical Junction Box IP67 ABS Plastic Enclosure
Arduino Nano ESP32
Raspberry Pi 4B 4GB w/ wifi
Servo Mount Bracket Pan/Tilt Kit
Tilt Servo, 180° Rotation, 20 Kg
Pan Servo, 270° Rotation, 20 Kg
Raspberry Pi HQ Camera, 12.3MP IMX477, C-CS Adapter + Tripod Mount
Arducam 4-12mm Varifocal C-Mount Lens
3 ft Ribbon Cable for camera
Terminal Block,2 Pk, 6 Ckt, 20-30A 200v-450v Dual Row Screw Terminals, +24 PCS Crimp Wire Conne
Raspberry Pi 5, 8GB RAM
M.2 HAT for Raspberry Pi 5
256GB M.2 SATA SSD
Raspberry Pi 5 Metal case
Micro HDMI to HDMI cable
Raspberry Pi 27W USB-C Power Supply
32GB MicroSD
Raspberry pi active cooler

Additional Notes

ASIN Number Used for Distributor

ASIN Number Used for Distributor

ASIN Number Used for Distributor

ASIN Number Used for Distributor

ASIN Number Used for Distributor

ASIN Number Used for Distributor

ASIN Number Used for Distributor

ASIN Number Used for Distributor

ASIN Number Used for Distributor

ASIN Number Used for Distributor

ASIN Number Used for Distributor

ASIN Number Used for Distributor

ASIN Number Used for Distributor

ASIN Number Used for Distributor

Order Part from ECE Stores

ASIN Number Used for Distributor

ASIN Number Used for Distributor

ASIN Number Used for Distributor

SKU Code Used

ASIN Number Used for Distributor

ASIN Number Used for Distributor

ASIN Number Used for Distributor

UPC is used for Distributor

ASIN Number Used for Distributor

UPC is used for Distributor

SKU is used for Distributor

SKU is used for Distributor

ASIN Number Used for Distributor

SKU is used for Distributor

URL

<https://www.amazon.com/Arduino-ABX00083-Bluetooth-MicroPython-Compatible/dp/B0C947BHK5/>
<https://www.amazon.com/HiLetgo-Wireless-Transceiver-Development-Compatible/dp/B010N1ROQS>
<https://www.amazon.com/Waveshare-Management-Protection-Low-Power-Environmental/dp/B094FWZV>
<https://www.amazon.com/ACOPower-Solar-Panel-Battery-Charging/dp/B01M0UEP4W?th=1>
<https://www.amazon.com/Amazon-Basics-Charger-480Mbps-Certified/dp/B01GGKYKQM>
<https://www.amazon.com/CBJJ-Rechargeable-Battery-1%E2%82%AC%E2%82%AC%E2%82%AC%E2%82%AC%E2%82%AC/dp/B01M0UEP4W?th=1>
<https://www.amazon.com/Teansic-Connector-Breakout-Converter-Transfer/dp/B0B4J5NJ2Y/>
<https://www.amazon.com/MEAN-WELL-LRS-50-5-Single-Switching/dp/B085QKVLB6>
<https://www.amazon.com/AMP-DIODE-D3A-10-PACK/dp/B0071DZVDU>
<https://www.amazon.com/Raspberry-Power-Supply-USB-C-Listed/dp/B07Z8P61DQ>
<https://www.amazon.com/Bussmann-MDL-1-Glass-Delay-Slo-blo/dp/B00SU2I7YG>
<https://www.amazon.com/Jameco-Valuepro-GFS703-R-Holder-Line/dp/B00B8883TS>
<https://www.amazon.com/TICONN-Waterproof-Electrical-Enclosure-Off-White/dp/B0B87VR84G>
<https://www.amazon.com/Arduino-ABX00083-Bluetooth-MicroPython-Compatible/dp/B0C947BHK5>
N/A
<https://www.amazon.com/Servo-Bracket-Mounts-MG996R-Steering/dp/B0BYNBZHD1/>
<https://www.amazon.com/ZOSKAY-DS3218-Digital-Waterproof-Control/dp/B01MU7TQV8>
<https://www.amazon.com/dp/B01N0XZOZU>
<https://www.digikey.com/en/products/detail/raspberry-pi/SC0261/12339164?src=raspberrypi>
<https://www.amazon.com/Arducam-Varifocal-C-Mount-Raspberry-Adapter/dp/B088GTLJC6/>
<https://www.amazon.com/Arducam-Octoprint-Monitor-Extension-Raspberry/dp/B087FDJ2RP/>
<https://www.amazon.com/Terminal-Circuits-200v-450v-Terminals-Connectors/dp/B09VSYD66/>
<https://www.pishop.us/product/raspberry-pi-5-8gb/?src=raspberrypi>
<https://www.pishop.us/product/raspberry-pi-m-2-hat-for-pi-5/>
<https://www.amazon.com/KingSpec-2242-256GB-Internal-Ultrabook/dp/B01MR5O5YS?th=1>
<https://www.pishop.us/product/highpi-pro-5s-case-for-raspberry-pi-5/>
<https://www.pishop.us/product/micro-hdmi-to-hdmi-cable-for-pi-4-3ft-black/>
<https://www.pishop.us/product/raspberry-pi-27w-usb-c-power-supply-white-us/>
<https://www.amazon.com/PNY-Elite-microSDHC-Memory-P-SDU32GU185GW-GE/dp/B07R8GVGN9>
<https://www.pishop.us/product/raspberry-pi-active-cooler/>

Total

/FH

%EF%BF%B50-Flashlight/dp/B0BRCSBH34/