



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

Sales Order #: -
Web Order #: 34090832
Order Date: 12-Nov-24
Order Status: Order Entered

Detailed Order Receipt

Billing Information

Texas AM University Electrical Computer Eng
ECEN Business Office
3128 TAMU
College Station, TX 77843-3128
United States
979-845-7589

Shipping Information

Texas A&M University Electrical and Computer Engineering
Aiden Rader (Capstone)
188 Bizzell St.
Wisenbaker Engr. Bldg., Rm 076
College Station, TX 77843-3128
United States
979-845-3672

Shipping Method

Shipment: UPS Ground

Payment Method

Payment Type: NET Terms

Purchase Order Number: 02-460004-00000

Item	Product Detail		Qty.	Availability	Price	Ext Total
1	Mfr.:	Same Sky	10	10 Ships Now	\$0.389	\$3.89
	Mfr. #:	TB006-508-03BE				
	Mouser #:	490-TB006-508-03BE				
	Desc.:	Fixed Terminal Blocks Terminal block, screw type, 5.08 , horizont ... RoHS Compliant By Exemption				
2	Mfr.:	Microchip	4	4 Ships Now	\$4.27	\$17.08
	Mfr. #:	dsPIC33CK256MP508T-I/PT				
	Mouser #:	579-DSPIC33CK256508				
	Desc.:	Digital Signal Processors & Controllers - DSP, DSC 16 Bit DSC, 25 ... RoHS Compliant				
3	Mfr.:	Murata	50	50 Ships Now	\$0.016	\$0.80
	Mfr. #:	GRM155R71C104KA88D				
	Mouser #:	81-GRM155R71C104KA88				
	Desc.:	Multilayer Ceramic Capacitors MLCC - SMD/SMT 0.1 uF 16 VDC 10% 04 ... RoHS Compliant				
4	Mfr.:	TT Electronics	5	5 Ships Now	\$1.19	\$5.95
	Mfr. #:	P090S-14T20BR10K				
	Mouser #:	858-P090S14T20BR10K				
	Desc.:	Potentiometers 9mm 10Kohm RoHS Compliant By Exemption				
5	Mfr.:	Wurth Elektronik	10	10 Ships Now	\$0.479	\$4.79
	Mfr. #:	430182043816				
	Mouser #:	710-430182043816				
	Desc.:	Tactile Switches Tact Switch SMT 4.3mm Blk Act. RoHS Compliant				

Item	Product Detail		Qty.	Availability	Price	Ext Total
6	Mfr.: Mfr. #: Mouser #: Desc.:	Lite-On LTST-C190KGKT 859-LTST-C190KGKT Standard LEDs - SMD Green Clear 571nm RoHS Compliant	10	10 Ships Now	\$0.111	\$1.11
7	Mfr.: Mfr. #: Mouser #: Desc.:	Samsung Electro-Mechanics CL05B104KP5NNNC 187-CL05B104KP5NNNC Multilayer Ceramic Capacitors MLCC - SMD/SMT 100nF+/-10% 10V X7R ... RoHS Compliant	6	6 Ships Now	\$0.091	\$0.55
8	Mfr.: Mfr. #: Mouser #: Desc.:	Samsung Electro-Mechanics CL10A106MP8NNNC 187-CL10A106MP8NNNC Multilayer Ceramic Capacitors MLCC - SMD/SMT 10uF+/-20% 10V X5R 1 ... RoHS Compliant	10	10 Ships Now	\$0.053	\$0.53
9	Mfr.: Mfr. #: Mouser #: Desc.:	Murata GRM31CC80E227ME11L 81-GRM31CC80E227ME1L Multilayer Ceramic Capacitors MLCC - SMD/SMT 220 uF 2.5 VDC 20% 1 ... RoHS Compliant	10	10 Ships Now	\$0.488	\$4.88
10	Mfr.: Mfr. #: Mouser #: Desc.:	STMicroelectronics 1N5822 511-1N5822 Schottky Diodes & Rectifiers Vr/40V Io/3A BULK RoHS Compliant By Exemption	10	10 Ships Now	\$0.206	\$2.06
11	Mfr.: Mfr. #: Mouser #: Desc.:	Bourns MH1608-601Y 652-MH1608-601Y Ferrite Beads 600 ohms 25% HIGH CURRENT RoHS Compliant	10	10 Ships Now	\$0.042	\$0.42
12	Mfr.: Mfr. #: Mouser #: Desc.:	TAIYO YUDEN NR6028T680M 963-NR6028T680M Power Inductors - SMD 963-LSXBD6060WHL680M RPLCMT PN 68uH 6060 20 ... RoHS Compliant	5	5 Ships Now	\$0.291	\$1.46
13	Mfr.: Mfr. #: Mouser #: Desc.:	TE Connectivity RN73A1J470RFTD 279-RN73A1J470RFTD Thin Film Resistors - SMD RN 0603 470R 1% 5PPM 5K RL RoHS Compliant	10	10 Ships Now	\$0.083	\$0.83
14	Mfr.: Mfr. #: Mouser #: Desc.:	Vishay CRCW060310K0FKEC 71-CRCW060310K0FKEC Thick Film Resistors - SMD 10Kohms 1% 100ppm RoHS Compliant By Exemption	20	20 Ships Now	\$0.015	\$0.30
15	Mfr.: Mfr. #: Mouser #: Desc.:	Panasonic ERJ-3EKF1001V 667-ERJ-3EKF1001V Thick Film Resistors - SMD 0603 1Kohms 1% AEC-Q200 RoHS Compliant By Exemption	20	20 Ships Now	\$0.015	\$0.30
16	Mfr.: Mfr. #: Mouser #: Desc.:	Susumu RR0816P-331-D 754-RR0816P-331D Thin Film Resistors - SMD 1/16W 330ohm 0.5% 25ppm RoHS Compliant	10	10 Ships Now	\$0.022	\$0.22

Item	Product Detail		Qty.	Availability	Price	Ext Total
17	Mfr.: Mfr. #: Mouser #: Desc.:	Panasonic ERJ-3EKF1000V 667-ERJ-3EKF1000V Thick Film Resistors - SMD 0603 100ohms 1% AEC-Q200 RoHS Compliant By Exemption	10	10 Ships Now	\$0.02	\$0.20
18	Mfr.: Mfr. #: Mouser #: Desc.:	Susumu RR0816Q-750-D 754-RR0816Q-750D Thin Film Resistors - SMD 1/16W 75ohm 0.5% 50ppm RoHS Compliant	40	40 Ships Now	\$0.034	\$1.36
19	Mfr.: Mfr. #: Mouser #: Desc.:	MEAN WELL IRM-15-15 709-IRM15-15 AC/DC Power Modules 15V 1A 15W 85-264Vin Encap PS RoHS Compliant	2	2 Ships Now	\$9.39	\$18.78
20	Mfr.: Mfr. #: Mouser #: Desc.:	KYOCERA AVX KC2520Z8.00000C1KX00 581-KC2520Z800C1KX00 Standard Clock Oscillators 8 MHz 20 PPM 15 pF RoHS Compliant	5	5 Ships Now	\$1.07	\$5.35
21	Mfr.: Mfr. #: Mouser #: Desc.:	FTDI TTL-232R-RPI 895-TTL-232R-RPI USB Cables / IEEE 1394 Cables Raspberry Pi USB to TTL Serial UART ... RoHS Compliant	1	1 Ships Now	\$20.29	\$20.29
22	Mfr.: Mfr. #: Mouser #: Desc.:	KEMET C0805C101K5GACTU 80-C0805C101K5G Multilayer Ceramic Capacitors MLCC - SMD/SMT 50V 100pF C0G 0805 1 ... RoHS Compliant	20	20 Ships Now	\$0.03	\$0.60
23	Mfr.: Mfr. #: Mouser #: Desc.:	KYOCERA AVX 08051C104K4T2A 581-08051C104K4 Multilayer Ceramic Capacitors MLCC - SMD/SMT KAM21KR72A104KU NW G ... RoHS Compliant By Exemption	30	30 Ships Now	\$0.117	\$3.51
24	Mfr.: Mfr. #: Mouser #: Desc.:	Vishay 293D106X9010B2TE3 74-293D106X9010B2TE3 Tantalum Capacitors - Solid SMD 10uF 10volts 10% B case Molded RoHS Compliant	20	20 Ships Now	\$0.206	\$4.12
25	Mfr.: Mfr. #: Mouser #: Desc.:	Diodes Incorporated 1N4148W-7-F 621-1N4148W-F Small Signal Switching Diodes SURFACE MOUNT FAST SWITCHING DIODE RoHS Compliant	20	20 Ships Now	\$0.051	\$1.02
26	Mfr.: Mfr. #: Mouser #: Desc.:	Würth Elektronik 662108145021 710-662108145021 Headers & Wire Housings WR-MPC3 3.0mm Male 8Pin Single Angled RoHS Compliant	2	2 Ships Now	\$2.38	\$4.76
27	Mfr.: Mfr. #: Mouser #: Desc.:	Würth Elektronik 66201221022 710-66201221022 Headers & Wire Housings WR-MPC3 3mmMale Angd 12Pin DualRw PlstPgs RoHS Compliant	2	2 Ships Now	\$0.892	\$1.78

Item	Product Detail		Qty.	Availability	Price	Ext Total
28	Mfr.: Mfr. #: Mouser #: Desc.:	Wurth Elektronik 662104145021 710-662104145021 Headers & Wire Housings WR-MPC3 3.0mm Male 4Pin Single Angled RoHS Compliant	1	1 Ships Now	\$2.07	\$2.07
29	Mfr.: Mfr. #: Mouser #: Desc.:	onsemi KSP2907ACTA 512-KSP2907ACTA Bipolar Transistors - BJT PNP Si Transistor Epitaxial RoHS Compliant	10	10 Ships Now	\$0.133	\$1.33
30	Mfr.: Mfr. #: Mouser #: Desc.:	Vishay CRCW080580K6FKEA 71-CRCW0805-80.6K-E3 Thick Film Resistors - SMD 1/8watt 80.6Kohms 1% 100ppm RoHS Compliant By Exemption	20	20 Ships Now	\$0.023	\$0.46
31	Mfr.: Mfr. #: Mouser #: Desc.:	YAGEO RC0805FR-071KL 603-RC0805FR-071KL Thick Film Resistors - SMD 1 kOhms 125 mW 0805 1% RoHS Compliant By Exemption	10	10 Ships Now	\$0.013	\$0.13
32	Mfr.: Mfr. #: Mouser #: Desc.:	Vishay CRCW080510K0FKEA 71-CRCW0805-10K-E3 Thick Film Resistors - SMD 1/8watt 10Kohms 1% 100ppm RoHS Compliant By Exemption	20	20 Ships Now	\$0.023	\$0.46
33	Mfr.: Mfr. #: Mouser #: Desc.:	Vishay CRCW080549R9FKEA 71-CRCW0805-49.9-E3 Thick Film Resistors - SMD 1/8watt 49.9ohms 1% 100ppm RoHS Compliant By Exemption	20	20 Ships Now	\$0.018	\$0.36
34	Mfr.: Mfr. #: Mouser #: Desc.:	Vishay CRCW1206300RFKEA 71-CRCW1206-300-E3 Thick Film Resistors - SMD 1/4watt 300ohms 1% RoHS Compliant By Exemption	10	10 Ships Now	\$0.027	\$0.27
35	Mfr.: Mfr. #: Mouser #: Desc.:	Texas Instruments LM358AN/NOPB 926-LM358AN/NOPB Operational Amplifiers - Op Amps LOW PWR DUAL OP AMP RoHS Compliant	10	10 Ships Now	\$0.483	\$4.83
36	Mfr.: Mfr. #: Mouser #: Desc.:	Skyworks SI8635BC-B-IS1 634-SI8635BC-B-IS1 Digital Isolators 3.75 kV 3-channel digital isolator RoHS Compliant	5	5 Ships Now	\$3.39	\$16.95
37	Mfr.: Mfr. #: Mouser #: Desc.:	YAGEO CC0603KRX7R9BB471 603-CC603KRX7R9BB471 Multilayer Ceramic Capacitors MLCC - SMD/SMT 50 V 470pF X7R 0603 ... RoHS Compliant	10	10 Ships Now	\$0.021	\$0.21
38	Mfr.: Mfr. #: Mouser #: Desc.:	Same Sky TB006-508-08BE 490-TB006-508-08BE Fixed Terminal Blocks Terminal block, screw type, 5.08 , horizont ... RoHS Compliant By Exemption	2	2 Ships Now	\$1.68	\$3.36

Item	Product Detail		Qty.	Availability	Price	Ext Total
39	Mfr.:	Same Sky	10	10 Ships Now	\$0.454	\$4.54
	Mfr. #:	TB006-508-04BE				
	Mouser #:	490-TB006-508-04BE				
	Desc.:	Fixed Terminal Blocks Terminal block, screw type, 5.08 , horizont ... RoHS Compliant By Exemption				
40	Mfr.:	IXYS	1	1 Ships Now	\$13.29	\$13.29
	Mfr. #:	GUO40-12NO1				
	Mouser #:	747-GUO40-12NO1				
	Desc.:	Bridge Rectifiers 40 Amps 1200V RoHS Compliant				
41	Mfr.:	Nichicon	4	4 Ships Now	\$6.24	\$24.96
	Mfr. #:	LGW2G331MELC30				
	Mouser #:	647-LGW2G331MELC30				
	Desc.:	Aluminum Electrolytic Capacitors - Snap In 400volts 330uF Snap-In RoHS Compliant				
42	Mfr.:	Bourns	10	10 Ships Now	\$0.371	\$3.71
	Mfr. #:	CRS2512-FX-1004ELF				
	Mouser #:	652-CRS2512FX1004ELF				
	Desc.:	Thick Film Resistors - SMD 1Mohms 2W 1% TCR100 RES SMD RoHS Compliant				
43	Mfr.:	Vishay	10	10 Ships Now	\$0.066	\$0.66
	Mfr. #:	CRCW121010K0FKEA				
	Mouser #:	71-CRCW1210-10K-E3				
	Desc.:	Thick Film Resistors - SMD 1/2watt 10Kohms 1% RoHS Compliant By Exemption				
44	Mfr.:	KOA Speer	10	10 Ships Now	\$0.014	\$0.14
	Mfr. #:	RK73B2ATTD102J				
	Mouser #:	660-RK73B2ATTD102J				
	Desc.:	Thick Film Resistors - SMD 1/4watt 1K OHM 5% RoHS Compliant By Exemption				
45	Mfr.:	Samsung Electro-Mechanics	30	30 Ships Now	\$0.068	\$2.04
	Mfr. #:	CL31B104KBCNNNL				
	Mouser #:	187-CL31B104KBCNNNL				
	Desc.:	Multilayer Ceramic Capacitors MLCC - SMD/SMT 100nF+/-10% 50V X7R ... RoHS Compliant				
46	Mfr.:	TDK	10	10 Ships Now	\$0.56	\$5.60
	Mfr. #:	CGA5L1X7R1E106K160AD				
	Mouser #:	810-C3216X7R1E106MEP				
	Desc.:	Multilayer Ceramic Capacitors MLCC - SMD/SMT EPXY 1206 25V 10uF X ... RoHS Compliant				
47	Mfr.:	KOA Speer	10	10 Ships Now	\$0.014	\$0.14
	Mfr. #:	RK73B2ATTD220J				
	Mouser #:	660-RK73B2ATTD220J				
	Desc.:	Thick Film Resistors - SMD 1/4watts 22ohms 5% RoHS Compliant By Exemption				
48	Mfr.:	KEMET	20	20 Ships Now	\$0.026	\$0.52
	Mfr. #:	C0805C470J5GAC7210				
	Mouser #:	80-C0805C470J5GACLR				
	Desc.:	Multilayer Ceramic Capacitors MLCC - SMD/SMT 50V 47pF C0G 0805 5% RoHS Compliant				
49	Mfr.:	Panasonic	10	10 Ships Now	\$0.054	\$0.54
	Mfr. #:	ERT-J0EM103J				
	Mouser #:	667-ERT-J0EM103J				
	Desc.:	NTC Thermistors Multilayer Chip NTC Thermister RoHS Compliant				

Item	Product Detail		Qty.	Availability	Price	Ext Total
50	Mfr.:	Texas Instruments	2	2 Ships Now	\$1.62	\$3.24
	Mfr. #:	TLV1702AIDGKR				
	Mouser #:	595-TLV1702AIDGKR				
	Desc.:	Analog Comparators Dual 2.2V to 36V microPwr Comparator RoHS Compliant				
51	Mfr.:	Panasonic	10	10 Ships Now	\$0.362	\$3.62
	Mfr. #:	EEU-FR1H221B				
	Mouser #:	667-EEU-FR1H221B				
	Desc.:	Aluminum Electrolytic Capacitors - Radial Leaded 50VDC 220uF 10x1 ... RoHS Compliant				
52	Mfr.:	Murata	10	10 Ships Now	\$0.919	\$9.19
	Mfr. #:	GRM55D7U3A103JW31L				
	Mouser #:	81-GRM55D7U3A103JW1L				
	Desc.:	Multilayer Ceramic Capacitors MLCC - SMD/SMT 0.01 uF 1 kVDC 5% 22 ... RoHS Compliant				
53	Mfr.:	Bel	3	3 Ships Now	\$2.11	\$6.33
	Mfr. #:	0ADEC9300-BE				
	Mouser #:	530-0ADEC9300-BE				
	Desc.:	Cartridge Fuses FUSE, CERAMIC TUBE 30A, 500VAC/VDC RoHS Compliant				
54	Mfr.:	Littelfuse	4	4 Ships Now	\$0.69	\$2.76
	Mfr. #:	01240061H				
	Mouser #:	576-01240061H				
	Desc.:	Fuse Clips FUSE CLIP RoHS Compliant				
55	Mfr.:	Littelfuse	8	8 Ships Now	\$1.79	\$14.32
	Mfr. #:	TMOV14RP300E				
	Mouser #:	576-TMOV14RP300E				
	Desc.:	Varistors THERMALLY PROTECTED VARISTOR 14MM RoHS Compliant				
56	Mfr.:	Vishay	3	3 Ships Now	\$0.828	\$2.48
	Mfr. #:	WSLP39212L500FEA				
	Mouser #:	71-WSLP39212L500FEA				
	Desc.:	Current Sense Resistors - SMD 0.0025 ohm 1% RoHS Compliant				
57	Mfr.:	YAGEO	10	10 Ships Now	\$0.009	\$0.09
	Mfr. #:	RC0603JR-0782KL				
	Mouser #:	603-RC0603JR-0782KL				
	Desc.:	Thick Film Resistors - SMD 82 kOhms 100 mW 0603 5% RoHS Compliant By Exemption				
58	Mfr.:	Analog Devices Inc.	1	1 Ships Now	\$5.48	\$5.48
	Mfr. #:	LT6654BHS6-1.25#TRMPBF				
	Mouser #:	584-6654BHS61.25TMPF				
	Desc.:	Voltage References Prec Wide S Hi Out Drv L N Ref RoHS Compliant				
59	Mfr.:	TE Connectivity	1	1 Ships Now	\$4.65	\$4.65
	Mfr. #:	T9AS1D12-15				
	Mouser #:	655-T9AS1D12-15				
	Desc.:	General Purpose Relays 30 AMP 15VDC SPST NO 1 N/O RoHS Compliant By Exemption				
60	Mfr.:	Murata	1	1 Ships Now	\$7.52	\$7.52
	Mfr. #:	NKE0305SC				
	Mouser #:	580-NKE0305SC				
	Desc.:	Isolated DC/DC Converters - Through Hole 1W 3.3-5V SIP SINGLE ... RoHS Compliant By Exemption				

Item	Product Detail		Qty.	Availability	Price	Ext Total
61	Mfr.:	TRACO Power	1	1 Ships Now	\$16.79	\$16.79
	Mfr. #:	TMR 2-2413WI				
	Mouser #:	495-TMR2-2413WI				
	Desc.:	Isolated DC/DC Converters - Through Hole Product Type: DC/DC; Pac ... RoHS Compliant				
62	Mfr.:	KEMET	12	12 Ships Now	\$1.72	\$20.64
	Mfr. #:	T495X476M035ATE200				
	Mouser #:	80-T495X476M35ATE200				
	Desc.:	Tantalum Capacitors - Solid SMD 35V 47uF 2917 20% ESR=200mOhms RoHS Compliant				

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

Merchandise Total: **\$290.62**
Shipping Total: **\$9.79**
Estimated Sales Tax: **\$0.00**

Order Total: \$300.41