



701 Brooks Ave South,
PO Box 677
Thief River Falls, MN 56701-0677
USA

www.digikey.com
Global Customer Support
1-800-344-4539 or 218-681-6674

Invoice # 108510489
Completed Salesorder USD \$

Bill To:
DUANE THOMPSON
MBARI
7700 SANDHOLDT RD
7700 SANDHOLDT ROAD
MOSS LANDING CA 95039-9644

Ship To:
ERIK TRAUSCHKE
MBARI
7700 SANDHOLDT RD
7700 SANDHOLDT ROAD
MOSS LANDING CA 95039-9644

Salesorder / Packlist: 89754207 / PL1
Customer: 2168099
Payment Terms: VISA / 0657
Ref #: SA # 89754207
Shipping Method: U2D
Tracking #: 1Z5674320221502588

Buyer:
DUANE R THOMPSON
MONTEREY BAY AQUARIUM RESEARCH INSTITUTE
7700 SANDHOLDT RD
MOSS LANDING CA 95039-0000

Ship From:
DIGI-KEY ELECTRONICS
701 BROOKS AVE. SOUTH
P.O. BOX 677
THIEF RIVER FALLS MN 56701-0677

Order Source:	Order Date:	Invoice Date:	Ship Date:	Document Date:
INTERNET	18-Nov-2024	19-Nov-2024	19-Nov-2024	19-Nov-2024/AUTO

Line Item	Ordered	Cancelled	Shipped	Item Number/ Description	Unit Price USD \$	Amount USD \$
1	3	0	3	PART: 36-107-ND DESC: BATTERY HOLDER COIN 23MM PC PIN MFG : Keystone Electronics / 107 COO : UNITED STATES OF AMERICA ECCN: EAR99 HTSUS: 8536.69.4030 ROHS3 COMP REACH UNAFFECTED Jan-2023 Mercury: Cert on File. For more information contact Environmental@DigiKey.com	1.58000	4.74 T
2	10	0	10	PART: 1276-6482-1-ND DESC: CAP CER 0.47UF 50V X7R 0805 MFG : Samsung Electro-Mechanics (VA) / CL21B474KBFNNG COO : PHILIPPINES ECCN: EAR99 HTSUS: 8532.24.0020 ROHS3 COMP REACH UNAFFECTED Jan-2023 Mercury: Cert on File. For more information contact Environmental@DigiKey.com	0.04400	0.44 T
3	10	0	10	PART: 445-8046-1-ND DESC: CAP CER 33UF 25V X5R 1206 MFG : TDK Corporation (VA) / C3216X5R1E336M160AC COO : JAPAN ECCN: EAR99 HTSUS: 8532.24.0020 ROHS3 COMP REACH UNAFFECTED Jun-2024	0.81300	8.13 T
4	50	0	50	PART: 1276-CL10B104KB8NNLCT-ND DESC: CAP CER 0.1UF 50V X7R 0603 CUST: ITEM 2 MFG : Samsung Electro-Mechanics (VA) / CL10B104KB8NNNL COO : PHILIPPINES ECCN: EAR99 HTSUS: 8532.24.0020 ROHS3 COMP REACH UNAFFECTED Jan-2023	0.01640	0.82 T
5	10	0	10	PART: 1276-2872-1-ND DESC: CAP CER 10UF 16V X7R 0805 CUST: 701105.99-1 MFG : Samsung Electro-Mechanics (VA) / CL21B106K0QNNNE COO : CHINA ECCN: EAR99 HTSUS: 8532.24.0020 ROHS3 COMP REACH UNAFFECTED Jan-2023 Mercury: Cert on File. For more information contact Environmental@DigiKey.com	0.12700	1.27 T



701 Brooks Ave South,
PO Box 677
Thief River Falls, MN 56701-0677
USA

www.digikey.com
Global Customer Support
1-800-344-4539 or 218-681-6674

Invoice # 108510489
Completed Salesorder USD \$

Line Item	Ordered	Cancelled	Shipped	Item Number/ Description	Unit Price USD \$	Amount USD \$
6	10	0	10	PART: 399-17581-1-ND MFG : KEMET (VA) / C0603C180K5RACAUTO COO : MEXICO ROHS3 COMP REACH UNAFFECTED Jan-2024 ECCN: EAR99 HTSUS: 8532.24.0020 DESC: CAP CER 18PF 50V X7R 0603	0.14900	1.49 T
7	10	0	10	PART: 13-CC0603FRNP09BN750CT-ND MFG : YAGEO (VA) / CC0603FRNP09BN750 COO : TAIWAN, PROVINCE OF CHINA ROHS3 COMP REACH UNAFFECTED Jan-2024 ECCN: EAR99 HTSUS: 8532.24.0020 DESC: CAP CER 75PF 50V C0G/NP0 0603	0.10900	1.09 T
8	10	0	10	PART: 1276-1908-1-ND MFG : Samsung Electro-Mechanics (VA) / CL10B101KB8NFNC COO : CHINA ROHS3 COMP REACH UNAFFECTED Jan-2023 ECCN: EAR99 HTSUS: 8532.24.0020 DESC: CAP CER 100PF 50V X7R 0603 Mercury: Cert on File. For more information contact Environmental@DigiKey.com	0.03100	0.31 T
9	10	0	10	PART: SMAJ5.0CALFCT-ND MFG : Littelfuse Inc. (VA) / SMAJ5.0CA COO : CHINA ROHS3 COMP REACH AFFECTED Jun-2023 ECCN: EAR99 HTSUS: 8541.10.0080 DESC: TVS DIODE 5VWM 9.2VC D0214AC Section 301 Tariff	0.21000	2.10 T 0.21
10	10	0	10	PART: 846-ESD16VHYFHT116CT-ND MFG : Rohm Semiconductor(VA) / ESD16VHYFHT116 COO : SOUTH KOREA ROHS3 COMP REACH UNAFFECTED Jan-2018 ECCN: EAR99 HTSUS: 8541.10.0080 DESC: 12V, SOT-23, BI-DIRECTIONAL, AUT	0.34400	3.44 T
11	10	0	10	PART: CUS08F30H3FCT-ND CUST: OK MFG : Toshiba Semiconductor and Storage (VA) / CUS08F30,H3F COO : THAILAND ROHS3 COMP REACH UNAFFECTED Jun-2023 ECCN: EAR99 HTSUS: 8541.10.0080 DESC: DIODE SCHOTTKY 30V 800MA USC	0.15400	1.54 T
12	10	0	10	PART: CDSOD323-T03CCT-ND CUST: CTRL D1,D2,D3 MFG : Bourns Inc. (VA) / CDSOD323-T03C COO : UNITED KINGDOM ROHS3 COMP REACH UNAFFECTED Jun-2024 ECCN: EAR99 HTSUS: 8541.10.0080 DESC: TVS DIODE 3.3VWM 19VC SOD323	0.54000	5.40 T
13	10	0	10	PART: 1SMA5913BT3G0SCT-ND MFG : onsemi (VA) / 1SMA5913BT3G COO : VIETNAM ROHS3 COMP REACH UNAFFECTED Jun-2023 ECCN: EAR99 HTSUS: 8541.10.0050 DESC: DIODE ZENER 3.3V 1.5W SMA	0.27700	2.77 T



701 Brooks Ave South,
PO Box 677
Thief River Falls, MN 56701-0677
USA

www.digikey.com
Global Customer Support
1-800-344-4539 or 218-681-6674

Invoice # 108510489
Completed Salesorder USD \$

Line Item	Ordered	Cancelled	Shipped	Item Number/ Description	Unit Price USD \$	Amount USD \$
14	10	0	10	PART: 754-2047-1-ND DESC: LED BLUE CLEAR 2012 SMD MFG : Kingbright (VA) / APTD2012LVBC/D COO : CHINA ECCN: EAR99 HTSUS: 8541.41.0000 ROHS3 COMP REACH UNAFFECTED Jan-2023 Mercury: Cert on File. For more information contact Environmental@DigiKey.com Section 301 Tariff	0.46200	4.62 T
15	10	0	10	PART: 754-2044-1-ND DESC: LED RED CLEAR 2012 SMD MFG : Kingbright (VA) / APTD2012LSURCK COO : CHINA ECCN: EAR99 HTSUS: 8541.41.0000 ROHS3 COMP REACH UNAFFECTED Jan-2023 Mercury: Cert on File. For more information contact Environmental@DigiKey.com Section 301 Tariff	0.24900	2.49 T
16	10	0	10	PART: 754-2043-1-ND DESC: LED GREEN CLEAR 2012 SMD MFG : Kingbright (VA) / APTD2012LCGCK COO : CHINA ECCN: EAR99 HTSUS: 8541.41.0000 ROHS3 COMP REACH UNAFFECTED Jan-2023 Mercury: Cert on File. For more information contact Environmental@DigiKey.com Section 301 Tariff	0.26500	2.65 T
17	10	0	10	PART: 3757-BAV99S_R1_00001CT-ND DESC: SOT-363, SWITCHING MFG : Panjit International Inc. (VA) / BAV99S_R1_00001 COO : TAIWAN, PROVINCE OF CHINA ECCN: EAR99 HTSUS: 8541.10.0070 ROHS3 COMP REACH UNAFFECTED Jun-2022	0.08100	0.81 T
18	10	0	10	PART: 490-5984-1-ND DESC: FERRITE BEAD 330 OHM 0603 1LN MFG : Murata Electronics (VA) / BLM18HB331SN1D COO : JAPAN ECCN: EAR99 HTSUS: 8548.00.0000 ROHS3 COMP REACH UNAFFECTED Jun-2024	0.10800	1.08 T
19	5	0	5	PART: LM3940IS-3.3/NOPB-ND DESC: IC REG LIN 3.3V 1A DPAK/T0263-3 MFG : Texas Instruments / LM3940IS-3.3/NOPB COO : MALAYSIA ECCN: EAR99 HTSUS: 8542.39.0060 ROHS3 COMP REACH UNAFFECTED Jun-2022	2.36000	11.80 T
20	5	0	5	PART: WM4900-ND DESC: CONN HEADER R/A 2POS 2.54MM CUST: -8 MFG : Molex / 0705530001 COO : MALAYSIA ECCN: EAR99 HTSUS: 8536.69.4040 ROHS3 COMP REACH UNAFFECTED Jul-2017 Mercury: Cert on File. For more information contact Environmental@DigiKey.com	0.91000	4.55 T



701 Brooks Ave South,
PO Box 677
Thief River Falls, MN 56701-0677
USA

www.digikey.com
Global Customer Support
1-800-344-4539 or 218-681-6674

Invoice # 108510489
Completed Salesorder USD \$

Line Item	Ordered	Cancelled	Shipped	Item Number/ Description	Unit Price USD \$	Amount USD \$
21	5	0	5	PART: WM4901-ND DESC: CONN HEADER R/A 3POS 2.54MM CUST: 7 MFG : Molex / 0705530002 COO : MALAYSIA ECCN: EAR99 HTSUS: 8536.69.4040 ROHS3 COMP REACH UNAFFECTED Jul-2017 Mercury: Cert on File. For more information contact Environmental@DigiKey.com	0.91000	4.55 T
22	5	0	5	PART: SAM8799-ND DESC: CONN HEADER SMD 10POS 1.27MM MFG : Samtec Inc. / FTSH-105-01-L-DV-K COO : MALAYSIA ECCN: EAR99 HTSUS: 8536.69.4040 ROHS3 COMP REACH UNAFFECTED Jun-2020	2.48000	12.40 T
23	5	0	5	PART: WM4902-ND DESC: CONN HEADER R/A 4POS 2.54MM CUST: 28 MFG : Molex / 0705530003 COO : MALAYSIA ECCN: EAR99 HTSUS: 8536.69.4040 ROHS3 COMP REACH UNAFFECTED Jan-2017 Mercury: Cert on File. For more information contact Environmental@DigiKey.com	1.38000	6.90 T
24	10	0	10	PART: 311-100KHRCT-ND DESC: RES 100K OHM 1% 1/10W 0603 CUST: 23 SUB MFG : YAGEO (VA) / RC0603FR-07100KL COO : TAIWAN, PROVINCE OF CHINA ECCN: EAR99 HTSUS: 8533.21.0030 ROHS3 COMP REACH UNAFFECTED Jan-2024	0.01100	0.11 T
25	10	0	10	PART: 541-2786-1-ND DESC: RES SMD 100 OHM 1% 1/4W 0603 MFG : Vishay Dale (VA) / RCS0603100RFKEA COO : ISRAEL ECCN: EAR99 HTSUS: 8533.21.0030 ROHS3 COMP REACH UNAFFECTED Jun-2023	0.06200	0.62 T
26	10	0	10	PART: 13-RT0603FRE078K98LCT-ND DESC: RES 8.98K OHM 1% 1/10W 0603 MFG : YAGEO (VA) / RT0603FRE078K98L COO : TAIWAN, PROVINCE OF CHINA ECCN: EAR99 HTSUS: 8533.21.0030 ROHS3 COMP REACH UNAFFECTED Jan-2024	0.02200	0.22 T
27	10	0	10	PART: 541-3.09KCCT-ND DESC: RES SMD 3.09K OHM 1% 1/8W 0805 MFG : Vishay Dale (VA) / CRCW08053K09FKEA COO : ISRAEL ECCN: EAR99 HTSUS: 8533.21.0030 ROHS3 COMP REACH UNAFFECTED Jun-2023	0.03900	0.39 T
28	10	0	10	PART: 2019-RK73H1JTTD8200FCT-ND DESC: RES 820 OHM 1% 1/8W 0603 MFG : KOA Speer Electronics, Inc. (VA) / RK73H1JTTD8200F COO : CHINA ECCN: EAR99 HTSUS: 8533.21.0030 ROHS3 COMP REACH UNAFFECTED Jun-2023	0.02300	0.23 T



701 Brooks Ave South,
PO Box 677
Thief River Falls, MN 56701-0677
USA

www.digikey.com
Global Customer Support
1-800-344-4539 or 218-681-6674

Invoice # 108510489
Completed Salesorder USD \$

Line Item	Ordered	Cancelled	Shipped	Item Number/ Description	Unit Price USD \$	Amount USD \$
29	10	0	10	PART: 311-10.0KHRCT-ND CUST: JOSE MFG : YAGEO (VA) / RC0603FR-0710KL COO : TAIWAN, PROVINCE OF CHINA ROHS3 COMP REACH UNAFFECTED Jan-2024 ECCN: EAR99 HTSUS: 8533.21.0030 DESC: RES 10K OHM 1% 1/10W 0603	0.01200	0.12 T
30	10	0	10	PART: 2019-RK73B1JTTD331JCT-ND MFG : KOA Speer Electronics, Inc. (VA) / RK73B1JTTD331J COO : MALAYSIA ROHS3 COMP REACH UNAFFECTED Jun-2023 ECCN: EAR99 HTSUS: 8533.21.0030 DESC: RES 330 OHM 5% 1/8W 0603	0.01700	0.17 T
31	10	0	10	PART: RHM220DCT-ND MFG : Rohm Semiconductor(VA) / ESR03EZPJ221 COO : PHILIPPINES ROHS3 COMP REACH UNAFFECTED Jan-2021 ECCN: EAR99 HTSUS: 8533.21.0030 DESC: RES 220 OHM 5% 1/4W 0603	0.06800	0.68 T
32	10	0	10	PART: 2019-RK73H1JRTTD7500FCT-ND MFG : KOA Speer Electronics, Inc. (VA) / RK73H1JRTTD7500F COO : JAPAN ROHS3 COMP REACH UNAFFECTED Jun-2023 ECCN: EAR99 HTSUS: 8533.21.0030 DESC: RES 750 OHM 1% 1/8W 0603	0.06200	0.62 T
33	10	0	10	PART: 36-5002-ND CUST: 0 MFG : Keystone Electronics / 5002 COO : CHINA ROHS3 COMP REACH UNAFFECTED Jan-2023 Mercury: Cert on File. For more information contact Environmental@DigiKey.com Section 301 Tariff ECCN: EAR99 HTSUS: 8536.90.4000 DESC: PC TEST POINT MINIATURE WHITE	0.41000	4.10 T
34	5	0	5	PART: 296-13096-1-ND MFG : Texas Instruments (VA) / MAX3232CPWR COO : MALAYSIA ROHS3 COMP REACH UNAFFECTED Jun-2022 ECCN: EAR99 HTSUS: 8542.39.0060 DESC: IC TRANSCEIVER FULL 2/2 16TSSOP	0.80000	4.00 T
35	5	0	5	PART: 296-33168-5-ND MFG : Texas Instruments / CDCLVC1102PW COO : MALAYSIA ROHS3 COMP REACH UNAFFECTED Jun-2022 ECCN: EAR99 HTSUS: 8542.39.0060 DESC: IC CLK BUFFER 1:2 250MHZ 8TSSOP	3.26000	16.30 T
36	10	0	10	PART: 296-11933-1-ND CUST: 7 MFG : Texas Instruments (VA) / SN74LVC1G17DBVR COO : CHINA ROHS3 COMP REACH UNAFFECTED Jun-2022 Section 301 Tariff ECCN: EAR99 HTSUS: 8542.39.0060 DESC: IC BUF NON-INVERT 5.5V SOT23-5	0.06900	0.69 T
						0.07



701 Brooks Ave South,
PO Box 677
Thief River Falls, MN 56701-0677
USA

www.digikey.com
Global Customer Support
1-800-344-4539 or 218-681-6674

Invoice # 108510489
Completed Salesorder USD \$

Line Item	Ordered	Cancelled	Shipped	Item Number/ Description	Unit Price USD \$	Amount USD \$
37	5	0	5	PART: 568-LPC11U68JBD48K-ND MFG : NXP USA Inc. / LPC11U68JBD48K COO : TAIWAN, PROVINCE OF CHINA ROHS3 COMP REACH UNAFFECTED Jan-2024 ECCN: 3A991A2 HTSUS: 8542.31.0025 DESC: IC MCU 32BIT 256KB FLASH 48LQFP	5.39000	26.95 T
38	5	0	5	PART: 535-9542-1-ND MFG : Abracon LLC (VA) / ABS07-32.768KHZ-T COO : JAPAN ROHS3 COMP REACH UNAFFECTED Jan-2024 ECCN: EAR99 HTSUS: 8541.60.0010 DESC: CRYSTAL 32.7680KHZ 12.5PF SMD Mercury: Cert on File. For more information contact Environmental@DigiKey.com Section 301 Tariff	0.61000	3.05 T 0.31
39	5	0	5	PART: XC2065CT-ND MFG : ECS Inc. (VA) / ECS-TX0-5032-120-TR COO : SOUTH KOREA ROHS3 COMP REACH UNAFFECTED Jan-2023 ECCN: EAR99 HTSUS: 8542.39.0060 DESC: XTAL OSC TCXO 12.0000MHZ HCMOS Mercury: Cert on File. For more information contact Environmental@DigiKey.com	2.66000	13.30 T
40	5	0	5	PART: WM2900-ND CUST: STOCK MFG : Molex / 0050579402 COO : MALAYSIA ROHS3 COMP REACH UNAFFECTED Jul-2017 ECCN: EAR99 HTSUS: 8536.69.8000 DESC: CONN RCPT HSG 2POS 2.54MM Mercury: Cert on File. For more information contact Environmental@DigiKey.com	0.38000	1.90 T
41	5	0	5	PART: WM2901-ND CUST: ETECH MFG : Molex / 0050579403 COO : MALAYSIA ROHS3 COMP REACH UNAFFECTED Jul-2017 ECCN: EAR99 HTSUS: 8538.90.6000 DESC: CONN RCPT HSG 3POS 2.54MM Mercury: Cert on File. For more information contact Environmental@DigiKey.com	0.26000	1.30 T
42	5	0	5	PART: WM2902-ND CUST: STOCK MFG : Molex / 0050579404 COO : MALAYSIA ROHS3 COMP REACH UNAFFECTED Jul-2017 ECCN: EAR99 HTSUS: 8538.90.6000 DESC: CONN RCPT HSG 4POS 2.54MM Mercury: Cert on File. For more information contact Environmental@DigiKey.com	0.24000	1.20 T



701 Brooks Ave South,
PO Box 677
Thief River Falls, MN 56701-0677
USA

www.digikey.com
Global Customer Support
1-800-344-4539 or 218-681-6674

Invoice # 108510489
Completed Salesorder USD \$

Sales Amount	161.34
Tariff Amount	1.98
Total Sales and Tariff	163.32
Shipping charges applied	13.99
** Charges subtotal **	177.31
Sales Tax	12.66
Total charged to credit card	189.97
USD \$	
T indicates taxable amounts	

*** One or more items on this order are controlled for export.**

* These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. law and regulations.

Box	Ship Method	Tracking	Weight	Line Item	Part	Quantity
1	U2D	1Z5674320221502588	0.65 kgs / 1 lbs 7 oz	1	36-107-ND	3
				2	1276-6482-1-ND	10
				3	445-8046-1-ND	10
				4	1276-CL10B104KB8NNNLCT-ND	50
				5	1276-2872-1-ND	10
				6	399-17581-1-ND	10
				7	13-CC0603FRNP09BN750CT-ND	10
				8	1276-1908-1-ND	10
				9	SMAJ5.0CALFCT-ND	10
				10	846-ESD16VHYFHT116CT-ND	10
				11	CUS08F30H3FCT-ND	10
				12	CDS0D323-T03CCT-ND	10
				13	1SMA5913BT3G0SCT-ND	10
				14	754-2047-1-ND	10
				15	754-2044-1-ND	10
				16	754-2043-1-ND	10
				17	3757-BAV99S_R1_00001CT-ND	10
				18	490-5984-1-ND	10
				19	LM3940IS-3.3/NOPB-ND	5
				20	WM4900-ND	5
				21	WM4901-ND	5
				22	SAM8799-ND	5
				23	WM4902-ND	5



701 Brooks Ave South,
PO Box 677
Thief River Falls, MN 56701-0677
USA

www.digikey.com
Global Customer Support
1-800-344-4539 or 218-681-6674

Invoice # 108510489
Completed Salesorder USD \$

Box	Ship Method	Tracking	Weight	Line Item	Part	Quantity
				24	311-100KHRCT-ND	10
				25	541-2786-1-ND	10
				26	13-RT0603FRE078K98LCT-ND	10
				27	541-3.09KCCT-ND	10
				28	2019-RK73H1JTTD8200FCT-ND	10
				29	311-10.0KHRCT-ND	10
				30	2019-RK73B1JTTD331JCT-ND	10
				31	RHM220DCT-ND	10
				32	2019-RK73H1JRTTD7500FCT-ND	10
				33	36-5002-ND	10
				34	296-13096-1-ND	5
				35	296-33168-5-ND	5
				36	296-11933-1-ND	10
				37	568-LPC11U68JBD48K-ND	5
				38	535-9542-1-ND	5
				39	XC2065CT-ND	5
				40	WM2900-ND	5
				41	WM2901-ND	5
				42	WM2902-ND	5

General - WEB ORDER ID: 352397381

CERTIFICATE OF COMPLIANCE:

The Digi-Key or supplier direct ship products included in the above shipment were purchased from the original manufacturer or through the manufacturer's authorized distribution. The original manufacturer warrants and certifies that the products they produce meet their specifications. Test reports (chemical, physical, electrical, etc.) supporting their certification are on file (either at Digi-Key, the supplier or in the plant of the manufacturer) and will be made available upon request. This document is evidence of Conformity that this shipment meets the requirements of Digi-Key's Quality Management System and/or Purchase Order requirements agreed on between the customer and Digi-Key. This certification is valid only to the original customer and is not transferable.

Pam Aaland, Senior Manager, Customer Resolution - Americas

All errors should be reported within 60 days of the invoice date via <https://www.digikey.com/mydigikey/returns>. Digi-Key requires that customers first obtain an RMA (Returned Merchandise Authorization) number prior to returning any products. Returns must be in the original packaging, unused and like-new condition.

All transactions with DigiKey, including its affiliates, are subject to DigiKey's [Terms of Use and Conditions of Order](#).