



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

www.digikey.com
Orders 1-800-344-4539
Fax 218-681-3380

Invoice # 68235049
USD \$

Bill To:
MBARI
MONTEREY BAY AQUARIUM RESEARCH INSTITUTE
ACCOUNTS PAYABLE
7700 SANDHOLDT RD
MOSS LANDING CA 95039-0628

Ship To:
DUANE R THOMPSON
MONTEREY BAY AQUARIUM RESEARCH INSTITUTE
7700 SANDHOLDT RD BLDG A
MOSS LANDING CA 95039-0000

Salesorder / Packlist: 59659086 / PL1
Customer: 2168099
Payment Terms: VISA / 0657
Ref #: SA # 59659086
Shipping Method: XECO
Tracking #: 101661253978
Order Source: INTERNET
Order Date: 15-May-2019
Invoice Date: 15-May-2019
Ship Date: 15-May-2019
Document Date: 15-May-2019/AUTO

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

Line Item	Ordered	Cancelled	Shipped	Item Number/ Description	Unit Price USD \$	Amount USD \$
1	130	0	130	PART: 490-3285-1-ND DESC: CAP CER 0.1UF 100V X7R 0603 MFG : Murata Electronics North America (VA) / GRM188R72A104KA35D C00 : JAPAN ECCN: EAR99 HTSUS: 8532.24.0020 LEAD FREE ROHS COMP	0.10950	14.24 T
2	35	0	35	PART: 1276-1948-1-ND DESC: CAP CER 10UF 6.3V X7R 0603 MFG : Samsung Electro-Mechanics (VA) / CL10B106MQ8NRNC C00 : CHINA ECCN: EAR99 HTSUS: 8532.24.0020 LEAD FREE ROHS COMP REACH UNAFFECTED Jan-2019 Mercury: Cert on File. For more information contact Environmental@DigiKey.com	0.89700	31.40 T
3	20	0	20	PART: 587-3247-1-ND DESC: CAP CER 1UF 50V X7R 0603 CUST: C7, C9, C11, C13, C15, C18, C19, C21, C26, C29, MFG : Taiyo Yuden (VA) / UMK107AB7105KA-T C00 : MALAYSIA ECCN: EAR99 HTSUS: 8532.24.0020 LEAD FREE ROHS COMP	0.19000	3.80 T
4	50	0	50	PART: 445-13347-1-ND DESC: CAP CER 0.33UF 25V X7R 0603 MFG : TDK Corporation (VA) / CGJ3E3X7R1E334K080AB C00 : JAPAN ECCN: EAR99 HTSUS: 8532.24.0020 LEAD FREE ROHS COMP REACH UNAFFECTED Jan-2017	0.24800	12.40 T
5	20	0	20	PART: 311-1427-1-ND DESC: CAP CER 0.047UF 50V X7R 0603 MFG : Yageo (VA) / CC0603KRX7R9BB473 C00 : TAIWAN ECCN: EAR99 HTSUS: 8532.24.0020 LEAD FREE ROHS COMP REACH UNAFFECTED Jul-2017	0.08000	1.60 T
6	6	0	6	PART: 490-16263-1-ND DESC: CAP CER 1000PF 300V NONSTND SMD MFG : Murata Electronics North America (VA) / DK1E3EA102M86RBH01 C00 : THAILAND ECCN: EAR99 HTSUS: 8532.24.0060 LEAD FREE ROHS COMP	1.85000	11.10 T

Claims for pricing errors, shortages, and defective product must be reported within 30 days of invoice date.

Contact Customer Service at 1-800-858-3616

All transactions with Digi-Key Electronics, including its subsidiaries and/or affiliates, are
subject to Digi-Key's Terms of Use and Conditions of Order, available at www.digikey.com.

DUNS No: 05 760 2120 FEI No: 41-1234968 Any applicable sales tax not collected on this invoice is the responsibility of the customer.



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

www.digikey.com
Orders 1-800-344-4539
Fax 218-681-3380

Invoice # 68235049
USD \$

Line Item	Ordered	Cancelled	Shipped	Item Number/ Description		Unit Price USD \$	Amount USD \$	
7	35	0	35	PART: 296-25281-1-ND MFG : Texas Instruments (VA) / TPD2E007DCKR COO : THAILAND LEAD FREE ROHS COMP REACH UNAFFECTED Jan-2019	DESC: TVS DIODE 13V SC70-3 ECCN: EAR99 HTSUS: 8541.10.0080	0.59800	20.93	T
8	15	0	15	PART: F1303CT-ND CUST: 10020813RA WAKAY MFG : Littelfuse Inc. (VA) / 0154001.DRT COO : PHILIPPINES LEAD FREE ROHS COMP	DESC: FUSE BRD MNT 1A 125VAC/VDC 2SMD ECCN: EAR99 HTSUS: 8536.10.0040	2.93500	44.03	T
9	21	0	21	PART: 952-1010-5-ND MFG : Harwin Inc. / M80-5101442 COO : UNITED KINGDOM LEAD FREE ROHS COMP REACH UNAFFECTED Jul-2017	DESC: CONN HEADER VERT 14POS 2MM ECCN: EAR99 HTSUS: 8536.69.4040	11.25364	236.33	T
10	10	0	10	PART: 732-5316-ND MFG : Wurth Electronics Inc. / 61300311121 COO : TAIWAN LEAD FREE ROHS COMP REACH UNAFFECTED Jan-2017	DESC: CONN HEADER VERT 3POS 2.54MM ECCN: EAR99 HTSUS: 8536.69.4040	0.10600	1.06	T
11	6	0	6	PART: 952-2431-5-ND MFG : Harwin Inc. / M80-5110642 COO : UNITED KINGDOM LEAD FREE ROHS COMP REACH UNAFFECTED Jul-2017	DESC: CONN HEADER VERT 6POS 2MM ECCN: EAR99 HTSUS: 8536.69.4040	11.51000	69.06	T
12	6	0	6	PART: 952-2343-ND MFG : Harwin Inc. / M80-5100442 COO : UNITED KINGDOM LEAD FREE ROHS COMP REACH UNAFFECTED Jul-2017	DESC: CONN HEADER VERT 4POS 2MM ECCN: EAR99 HTSUS: 8536.69.4040	10.73000	64.38	T
13	35	0	35	PART: 490-14027-1-ND MFG : Murata Electronics North America (VA) / BLM18KG300JH1D COO : JAPAN LEAD FREE ROHS COMP	DESC: FERRITE BEAD 30 OHM 0603 1 LN ECCN: EAR99 HTSUS: 8548.90.0100	0.08400	2.94	T
14	6	0	6	PART: 490-12073-1-ND MFG : Murata Electronics North America (VA) / LQM2MPN4R7MG0L COO : JAPAN LEAD FREE ROHS COMP	DESC: FIXED IND 4.7UH 1.1A 175 MOHM ECCN: EAR99 HTSUS: 8504.50.8000	0.42000	2.52	T
15	35	0	35	PART: P120DBCT-ND MFG : PANASONIC ELECTRONIC COMPONENTS (VA) / ERA-3AEB121V COO : JAPAN LEAD FREE ROHS COMP REACH UNAFFECTED Jan-2017	DESC: RES SMD 120 OHM 0.1% 1/10W 0603 ECCN: EAR99 HTSUS: 8533.21.0030	0.30000	10.50	T

Claims for pricing errors, shortages, and defective product must be reported within 30 days of invoice date.

Contact Customer Service at 1-800-858-3616

All transactions with Digi-Key Electronics, including its subsidiaries and/or affiliates, are
subject to Digi-Key's Terms of Use and Conditions of Order, available at www.digikey.com.

DUNS No: 05 760 2120 FEI No: 41-1234968 Any applicable sales tax not collected on this invoice is the responsibility of the customer.



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

www.digikey.com
Orders 1-800-344-4539
Fax 218-681-3380

Invoice # 68235049
USD \$

Line Item	Ordered	Cancelled	Shipped	Item Number/ Description	Unit Price USD \$	Amount USD \$
16	100	0	100	PART: P10.0KHCT-ND DESC: RES SMD 10K OHM 1% 1/10W 0603 MFG : PANASONIC ELECTRONIC COMPONENTS (VA) / ERJ-3EKF1002V COO : CHINA ECCN: EAR99 HTSUS: 8533.21.0030 LEAD FREE ROHS COMP REACH UNAFFECTED Jan-2017	0.02730	2.73 T
17	25	0	25	PART: P0.0ACT-ND DESC: RES SMD 0 OHM JUMPER 1/8W 0805 CUST: K MFG : PANASONIC ELECTRONIC COMPONENTS (VA) / ERJ-6GEY0R00V COO : CHINA ECCN: EAR99 HTSUS: 8533.21.0030 LEAD FREE ROHS COMP REACH UNAFFECTED Jan-2017	0.04400	1.10 T
18	160	0	160	PART: 36-5002-ND DESC: PC TEST POINT MINIATURE WHITE CUST: K MFG : Keystone Electronics / 5002 COO : CHINA ECCN: EAR99 HTSUS: 8536.69.4040 LEAD FREE ROHS COMP REACH UNAFFECTED Jan-2019 Mercury: Cert on File. For more information contact Environmental@DigiKey.com	0.24380	39.01 T
19	20	0	20	PART: 1016-1977-ND DESC: IC TXRX RS232/485 24TSSOP MFG : MaxLinear, Inc. / SP330EEY-L COO : MALAYSIA ECCN: EAR99 HTSUS: 8542.39.0001 LEAD FREE ROHS COMP	3.92100	78.42 T
20	20	0	20	PART: 296-19383-1-ND DESC: IC DRVR/RCVR RS232 1CH 16-TSSOP MFG : Texas Instruments (VA) / MAX3221EIPWR COO : MALAYSIA ECCN: EAR99 HTSUS: 8542.39.0001 LEAD FREE ROHS COMP REACH UNAFFECTED Jan-2019	1.71100	34.22 T
21	10	0	10	PART: ADUM6403ARIZ-ND DESC: DGTL ISO 5KV 4CH GEN PURP 16S0IC MFG : Analog Devices Inc. / ADUM6403ARIZ COO : MALAYSIA ECCN: EAR99 HTSUS: 8542.39.0001 LEAD FREE ROHS COMP REACH UNAFFECTED Jan-2019	12.70000	127.00 T
22	10	0	0	PART: IS480PCT-ND DESC: OPTOISO 5KV 1CH GATE DRIVER 6S0 MFG : Isocom Components 2004 LTD (VA) / IS480P COO : CHINA ECCN: EAR99 HTSUS: 8541.40.8000 LEAD FREE ROHS COMP REACH UNAFFECTED Jan-2017	1.80100	0.00 T
23	25	0	25	PART: 952-2058-ND DESC: CONN RCPT 14POS CRIMP 24-28AWG MFG : Harwin Inc. / M80-4611442 COO : UNITED KINGDOM ECCN: EAR99 HTSUS: 8536.69.8000 LEAD FREE ROHS COMP REACH UNAFFECTED Jul-2017	14.19240	354.81 T
24	10	0	10	PART: 952-2070-ND DESC: CONN RCPT 6P CRIMP 24-28AWG GOLD CUST: K MFG : Harwin Inc. / M80-4810605 COO : UNITED KINGDOM ECCN: EAR99 HTSUS: 8536.69.8000 LEAD FREE ROHS COMP REACH UNAFFECTED Jul-2017	11.72200	117.22 T

Claims for pricing errors, shortages, and defective product must be reported within 30 days of invoice date.

Contact Customer Service at 1-800-858-3616

All transactions with Digi-Key Electronics, including its subsidiaries and/or affiliates, are
subject to Digi-Key's Terms of Use and Conditions of Order, available at www.digikey.com.

DUNS No: 05 760 2120 FEI No: 41-1234968 Any applicable sales tax not collected on this invoice is the responsibility of the customer.



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

www.digikey.com
Orders 1-800-344-4539
Fax 218-681-3380

Invoice # 68235049
USD \$

Line Item	Ordered	Cancelled	Shipped	Item Number/ Description	Unit Price USD \$	Amount USD \$
25	10	0	10	PART: 952-2340-ND DESC: CONN RCPT 4P CRIMP 24-28AWG GOLD MFG : Harwin Inc. / M80-4610405 COO : UNITED KINGDOM ECCN: EAR99 HTSUS: 8536.69.4040 LEAD FREE ROHS COMP REACH UNAFFECTED Jul-2017	10.60200	106.02 T

Sales Amount 1386.82
Shipping charges applied 18.99
** Charges subtotal ** 1405.81
Sales tax 107.48
Total charged to credit card 1513.29
USD \$

T indicates taxable amounts

* 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	XECO	101661253978	0.82 kgs / 1 lbs 13 oz	1	490-3285-1-ND	130
				2	1276-1948-1-ND	35
				3	587-3247-1-ND	20
				4	445-13347-1-ND	50
				5	311-1427-1-ND	20
				6	490-16263-1-ND	6
				7	296-25281-1-ND	35
				8	F1303CT-ND	15
				9	952-1010-5-ND	21
				10	732-5316-ND	10
				11	952-2431-5-ND	6
				12	952-2343-ND	6
				13	490-14027-1-ND	35
				14	490-12073-1-ND	6
				15	P120DBCT-ND	35
				16	P10.0KHCT-ND	100
				17	P0.0ACT-ND	25
				18	36-5002-ND	160
				19	1016-1977-ND	20
				20	296-19383-1-ND	20

Claims for pricing errors, shortages, and defective product must be reported within 30 days of invoice date.

Contact Customer Service at 1-800-858-3616

All transactions with Digi-Key Electronics, including its subsidiaries and/or affiliates, are subject to Digi-Key's Terms of Use and Conditions of Order, available at www.digikey.com.

DUNS No: 05 760 2120 FEI No: 41-1234968 Any applicable sales tax not collected on this invoice is the responsibility of the customer.



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

www.digikey.com
Orders 1-800-344-4539
Fax 218-681-3380

Invoice # 68235049
USD \$

Box	Ship Method	Tracking	Weight	Line Item	Part	Quantity
				21	ADUM6403ARIZ - ND	10
				23	952 - 2058 - ND	25
				24	952 - 2070 - ND	10
				25	952 - 2340 - ND	10

General - WEB ORDER ID: 300802490

CERTIFICATE OF COMPLIANCE:

The Digi-Key components included in the above shipment are genuine components and were provided by the applicable manufacturer to Digi-Key. Test reports (chemical, physical, electrical, etc., together with results of any tests performed by the manufacturer) are on file (either here or in the plant of the manufacturer) and will be made available upon request. These components have been handled in accordance with the requirements of applicable quality standards. This certification is valid only to the original customer and is not transferable. Contact Customer Service at 800-858-3616 if you have any questions.

Kim Gilbert, Director, Customer Service

Claims for pricing errors, shortages, and defective product must be reported within 30 days of invoice date.

Contact Customer Service at 1-800-858-3616

All transactions with Digi-Key Electronics, including its subsidiaries and/or affiliates, are
subject to Digi-Key's Terms of Use and Conditions of Order, available at www.digikey.com.

DUNS No: 05 760 2120 FEI No: 41-1234968 Any applicable sales tax not collected on this invoice is the responsibility of the customer.