



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 # 70674734
Completed Salesorder USD \$

Bill To:
ADI TELIKICHERLA
CALTECH
936
1200 E CALIFORNIA BLVD
PASADENA CA 91126-0000

Ship To:
ADI TELIKICHERLA
CALTECH
936
1200 E CALIFORNIA BLVD
PASADENA CA 91126-0000

Salesorder / Packlist: 61816072 / PL1
Customer: 10206969
Payment Terms: VISA
Shipping Method: XECO
Tracking #: 131838794630

Buyer:
ADITYA TELIKICHERLA
CA INSTITUTE OF TECHNOLOGY/AEROSPACE LAB
1200 E CALIFORNIA BLVD 150-50
PASADENA CA 91125-0000

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	06-Nov-2019	06-Nov-2019	06-Nov-2019	06-Nov-2019/AUTO

Line Item	Ordered	Cancelled	Shipped	Item Number/ Description	Unit Price USD \$	Amount USD \$
1	2	0	2	PART: IRF9Z34NPBF-ND DESC: MOSFET P-CH 55V 19A T0-220AB MFG : Infineon Technologies / IRF9Z34NPBF COO : CHINA ECCN: EAR99 HTSUS: 8541.29.0095 ROHS3 COMP REACH UNAFFECTED Jan-2019 Mercury: Cert on File. For more information contact Environmental@DigiKey.com Section 301 Tariff	0.88000	1.76 T
2	2	0	2	PART: 296-21622-5-ND DESC: IC REG LINEAR 10V 1.5A T0220-3 MFG : Texas Instruments / UA7810CKCSE3 COO : CHINA ECCN: EAR99 HTSUS: 8542.39.0001 ROHS3 COMP REACH UNAFFECTED Jan-2019 Section 301 Tariff	0.81000	1.62 T
3	2	0	2	PART: 497-1443-5-ND DESC: IC REG LINEAR 5V 1.5A T0220AB MFG : STMicroelectronics / L7805CV COO : CHINA ECCN: EAR99 HTSUS: 8542.39.0001 ROHS3 COMP REACH UNAFFECTED Jan-2019 Section 301 Tariff	0.50000	1.00 T
4	2	0	2	PART: 887-2015-ND DESC: CRYSTAL 16.0000MHZ 20PF T/H MFG : TXC CORPORATION / 9B-16.000MBBK-B COO : TAIWAN ECCN: EAR99 HTSUS: 8541.60.0050 ROHS COMP Mercury: Cert on File. For more information contact Environmental@DigiKey.com	0.30000	0.60 T



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5	2	0	2	PART: ATMEGA328P-PU-ND MFG : Microchip Technology / ATMEGA328P-PU COO : THAILAND ROHS3 COMP REACH UNAFFECTED Jan-2017 ECCN: EAR99 HTSUS: 8542.31.0001	2.06000	4.12 T
6	4	0	4	PART: 296-1393-5-ND MFG : Texas Instruments / LM339N COO : CHINA ROHS3 COMP REACH UNAFFECTED Jan-2019 Section 301 Tariff ECCN: EAR99 HTSUS: 8542.39.0001	0.50000	2.00 T
7	12	0	12	PART: IRLB8721PBF-ND MFG : Infineon Technologies / IRLB8721PBF COO : CHINA ROHS3 COMP REACH UNAFFECTED Jan-2019 Mercury: Cert on File. For more information contact Environmental@DigiKey.com Section 301 Tariff ECCN: EAR99 HTSUS: 8541.29.0095	0.76300	9.16 T
8	6	0	6	PART: IRS2004PBF-ND MFG : Infineon Technologies / IRS2004PBF COO : THAILAND ROHS3 COMP REACH UNAFFECTED Jan-2019 Mercury: Cert on File. For more information contact Environmental@DigiKey.com ECCN: EAR99 HTSUS: 8542.39.0001	1.04000	6.24 T
9	6	0	6	PART: 1N5818DICT-ND MFG : Diodes Incorporated (VA) / 1N5818-T COO : CHINA ROHS3 COMP REACH UNAFFECTED Jan-2019 Mercury: Cert on File. For more information contact Environmental@DigiKey.com Section 301 Tariff ECCN: EAR99 HTSUS: 8541.10.0080	0.34000	2.04 T
10	10	0	10	PART: CF14JT1K00CT-ND MFG : Stackpole Electronics Inc. (VA) / CF14JT1K00 COO : CHINA ROHS3 COMP REACH UNAFFECTED Jan-2019 Mercury: Cert on File. For more information contact Environmental@DigiKey.com Section 301 Tariff ECCN: EAR99 HTSUS: 8533.10.0065	0.04000	0.40 T
11	6	0	6	PART: BC4332CT-ND MFG : Vishay BC Components (VA) / SFR16S0004708JA500 COO : SOUTH KOREA ROHS3 COMP ECCN: EAR99 HTSUS: 8533.21.0090	0.15000	0.90 T



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12	10	0	10	PART: RNF14FTD10K0CT-ND DESC: RES 10K OHM 1/4W 1% AXIAL MFG : Stackpole Electronics Inc. (VA) / RNF14FTD10K0 COO : CHINA ECCN: EAR99 HTSUS: 8533.21.0090 ROHS3 COMP REACH UNAFFECTED Jan-2019 Mercury: Cert on File. For more information contact Environmental@DigiKey.com Section 301 Tariff	0.07200	0.72 T
13	2	0	2	PART: CF14JT39K0CT-ND DESC: RES 39K OHM 1/4W 5% AXIAL MFG : Stackpole Electronics Inc. (VA) / CF14JT39K0 COO : CHINA ECCN: EAR99 HTSUS: 8533.10.0065 ROHS3 COMP REACH UNAFFECTED Jan-2019 Mercury: Cert on File. For more information contact Environmental@DigiKey.com Section 301 Tariff	0.10000	0.20 T
14	10	0	10	PART: RSF1JT1R00CT-ND DESC: RES 1 OHM 1W 5% AXIAL MFG : Stackpole Electronics Inc. (VA) / RSF1JT1R00 COO : CHINA ECCN: EAR99 HTSUS: 8533.21.0090 ROHS3 COMP REACH UNAFFECTED Jan-2019 Mercury: Cert on File. For more information contact Environmental@DigiKey.com Section 301 Tariff	0.19400	1.94 T
15	10	0	10	PART: CF14JT100KCT-ND DESC: RES 100K OHM 1/4W 5% AXIAL MFG : Stackpole Electronics Inc. (VA) / CF14JT100K COO : CHINA ECCN: EAR99 HTSUS: 8533.10.0065 ROHS3 COMP REACH UNAFFECTED Jan-2019 Mercury: Cert on File. For more information contact Environmental@DigiKey.com Section 301 Tariff	0.04000	0.40 T
16	4	0	4	PART: 445-173139-1-ND DESC: CAP CER 0.33UF 50V X7R RADIAL MFG : TDK Corporation (VA) / FG14X7R1H334KNT06 COO : CHINA ECCN: EAR99 HTSUS: 8532.24.0060 ROHS3 COMP REACH UNAFFECTED Jan-2017 Section 301 Tariff	0.32000	1.28 T
17	10	0	10	PART: 399-4151-ND DESC: CAP CER 0.1UF 50V Z5U RADIAL MFG : KEMET / C315C104M5U5TA COO : MEXICO ECCN: EAR99 HTSUS: 8532.24.0060 ROHS3 COMP REACH UNAFFECTED Jan-2019	0.14300	1.43 T
18	10	0	10	PART: BC1081CT-ND DESC: CAP CER 0.033UF 50V X7R RADIAL MFG : Vishay BC Components (VA) / K333K15X7RF5TL2 COO : CHINA ECCN: EAR99 HTSUS: 8532.24.0060 ROHS3 COMP Section 301 Tariff	0.15900	1.59 T



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19	2	0	2	PART: 445-181284-1-ND MFG : TDK Corporation (VA) / FG28X5R1E106MRT06 COO : CHINA ROHS3 COMP Section 301 Tariff ECCN: EAR99 HTSUS: 8532.24.0060	0.46000	0.92 T
20	2	0	2	PART: BC5129-ND MFG : Vishay BC Components / K101J15C0GF53L2 COO : CHINA ROHS3 COMP Section 301 Tariff ECCN: EAR99 HTSUS: 8532.24.0060	0.22000	0.44 T
21	2	0	2	PART: BC5111-ND MFG : Vishay BC Components / D102K20Y5PH63J5R COO : CHINA ROHS3 COMP Section 301 Tariff ECCN: EAR99 HTSUS: 8532.23.0060	0.18000	0.36 T
22	2	0	2	PART: BC5134-ND MFG : Vishay BC Components / K103K15X7RF53L2 COO : CHINA ROHS3 COMP Section 301 Tariff ECCN: EAR99 HTSUS: 8532.24.0060	0.21000	0.42 T
23	10	0	10	PART: 399-4220-ND MFG : KEMET / C317C220J2G5TA COO : MEXICO ROHS3 COMP REACH UNAFFECTED Jan-2019 ECCN: EAR99 HTSUS: 8532.24.0060	0.12600	1.26 T
24	10	0	10	PART: 732-8940-1-ND MFG : Würth Elektronik (VA) / 860020572006 COO : CHINA ROHS3 COMP REACH UNAFFECTED Jan-2017 Section 301 Tariff ECCN: EAR99 HTSUS: 8532.22.0020	0.11000	1.10 T
25	2	0	2	PART: 732-8857-1-ND MFG : Würth Elektronik (VA) / 860020672011 COO : CHINA ROHS3 COMP REACH UNAFFECTED Jan-2017 Section 301 Tariff ECCN: EAR99 HTSUS: 8532.22.0020	0.11000	0.22 T
26	2	0	2	PART: 490-7707-ND MFG : Murata Electronics / MA40S4S COO : THAILAND ROHS3 COMP ECCN: EAR99 HTSUS: 8543.70.4500	6.87000	13.74 T



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27	2	0	2	PART: 490-7706-ND DESC: ULTRASONIC SENSOR RCVR 40KHZ MFG : Murata Electronics / MA40S4R C00 : JAPAN ECCN: EAR99 HTSUS: 8543.70.4500 ROHS3 COMP	6.80000	13.60 T
28	12	0	12	PART: 296-26772-1-ND DESC: IC OPAMP GP 2 CIRCUIT 8SOIC MFG : Texas Instruments (VA) / TLE2142CDR C00 : MEXICO ECCN: EAR99 HTSUS: 8542.33.0001 ROHS3 COMP REACH UNAFFECTED Jan-2019	2.39000	28.68 T
29	1	0	1	PART: ICM7555CBAZ-TCT-ND DESC: IC OSC SINGLE TIMER 1MHZ 8-SOIC MFG : Renesas Electronics America Inc. (VA) / ICM7555CBAZ-T C00 : CHINA ECCN: EAR99 HTSUS: 8542.39.0001 ROHS3 COMP REACH UNAFFECTED Jan-2019 Mercury: Cert on File. For more information contact Environmental@DigiKey.com	0.73000	0.73 T
30	4	0	4	PART: 2SD1620-TD-E0SCT-ND DESC: TRANS NPN 10V 3A SOT89-3 MFG : ON Semiconductor (VA) / 2SD1620-TD-E C00 : CHINA ECCN: EAR99 HTSUS: 8541.29.0095 ROHS3 COMP REACH UNAFFECTED Jan-2019 Section 301 Tariff	0.60000	2.40 T 0.24
31	4	0	4	PART: 296-17317-5-ND DESC: IC OPAMP VGA 1 CIRCUIT 8SOIC MFG : Texas Instruments / VCA810ID C00 : MALAYSIA ECCN: EAR99 HTSUS: 8542.33.0001 ROHS3 COMP REACH UNAFFECTED Jan-2019	14.06000	56.24 T
32	3	0	3	PART: 296-32197-1-ND DESC: IC OPAMP VFB 1 CIRCUIT SOT23-5 MFG : Texas Instruments (VA) / OPA820IDBVR C00 : CHINA ECCN: EAR99 HTSUS: 8542.33.0001 ROHS3 COMP REACH UNAFFECTED Jan-2019 Section 301 Tariff	2.62000	7.86 T 0.79
33	25	0	25	PART: CF14JT10R0CT-ND DESC: RES 10 OHM 1/4W 5% AXIAL MFG : Stackpole Electronics Inc. (VA) / CF14JT10R0 C00 : CHINA ECCN: EAR99 HTSUS: 8533.10.0065 ROHS3 COMP REACH UNAFFECTED Jan-2019 Mercury: Cert on File. For more information contact Environmental@DigiKey.com Section 301 Tariff	0.02880	0.72 T 0.07



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Sales Amount	166.09
Tariff Amount	3.85
Total Sales and Tariff	169.94
Shipping charges applied	18.99
** Charges subtotal **	188.93
Sales tax	17.42
Total charged to credit card	206.35
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	131838794630	0.77 kgs / 1 lbs 11 oz	1	IRF9Z34NPBF-ND	2
				2	296-21622-5-ND	2
				3	497-1443-5-ND	2
				4	887-2015-ND	2
				5	ATMEGA328P-PU-ND	2
				6	296-1393-5-ND	4
				7	IRLB8721PBF-ND	12
				8	IRS2004PBF-ND	6
				9	1N5818DICT-ND	6
				10	CF14JT1K00CT-ND	10
				11	BC4332CT-ND	6
				12	RNF14FTD10K0CT-ND	10
				13	CF14JT39K0CT-ND	2
				14	RSF1JT1R00CT-ND	10
				15	CF14JT100KCT-ND	10
				16	445-173139-1-ND	4
				17	399-4151-ND	10
				18	BC1081CT-ND	10
				19	445-181284-1-ND	2
				20	BC5129-ND	2
				21	BC5111-ND	2
				22	BC5134-ND	2
				23	399-4220-ND	10
				24	732-8940-1-ND	10



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				25	732-8857-1-ND	2
				26	490-7707-ND	2
				27	490-7706-ND	2
				28	296-26772-1-ND	12
				29	ICM7555CBAZ-TCT-ND	1
				30	2SD1620-TD-EOSCT-ND	4
				31	296-17317-5-ND	4
				32	296-32197-1-ND	3
				33	CF14JT10R0CT-ND	25

General - WEB ORDER ID: 304918184

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.

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

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