**Digi-Key**
CORPORATION701 Brooks Ave. S., P.O. Box 677
Thief River Falls, MN 56701-0677 6

510

Orders 1-800-344-4539

Fax 218-681-3380

www.digikey.com

Pack List # 1

Digi-Key
CORPORATION

Page: 1

Box: 1

217-5

701 Brooks Ave. South, Thief River Falls, MN 56701-0677 USA

PO: 28840510, 1, 33593158 UID

Ship To: ALISON MORROW
JOHNS HOPKINS UNIV/ERC
CSEB 112
3400 N CHARLES ST
BALTIMORE MD 21218-0000Sold To: JAMIE MEEHAN
JOHNS HOPKINS UNIV/COMP SCI
N418A WYMAN PARK BLDG
3400 N CHARLES ST
BALTIMORE MD 21218-0000

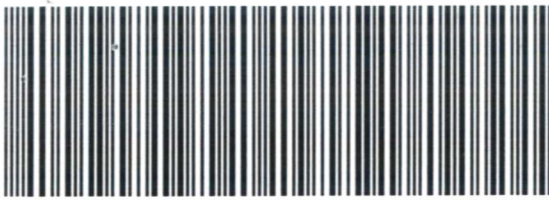
Sales Order	Invoice	Customer	Account	Customer P.O.	MSC #
28840510	33593158	3705546	471093		0
Prev. Sales Order	Entered Date	Operator	Printing Date	Back Orders	Station
28840914	17-DEC-2010	ZUNI	17-DEC-2010	Accepts to 16-JAN-2011	217-5

Ordered	Cancelled	Idx	Location	Item Number/Description	Shipped	Back Order	Unit Price US \$	Amount US \$
40	0	1	NJ- 5224	OPA130UA-ND IC OPAMP GP 1MHZ SGL LN 8SOIC SCHED B: 854233 ECCN: EAR99 LEAD: LEAD FREE ROHS: ROHS COMP	40		3.82520	153.01
40	0	2	LJ- 3745	INA128UA-ND IC OPAMP INSTR 1.3MHZ SGL 8SOIC SCHED B: 854233 ECCN: EAR99 LEAD: LEAD FREE ROHS: ROHS COMP	40		7.21600	288.64
50	0	3	MS- 5541	P1.00KCCT-ND RES 1.00K OHM 1/8W 1% 0805 SMD SCHED B: 853321 ECCN: EAR99 LEAD: LEAD FREE ROHS: ROHS COMP	50		.02760	1.38
50	0	4	MT- 2025	P1.00MCCT-ND RES 1.00M OHM 1/8W 1% 0805 SMD SCHED B: 853321 ECCN: EAR99 LEAD: LEAD FREE ROHS: ROHS COMP	50		.02760	1.38
50	0	5	LW- 3361	P160CCT-ND RES 160 OHM 1/8W 1% 0805 SMD SCHED B: 853321 ECCN: EAR99 LEAD: LEAD FREE ROHS: ROHS COMP	50		.02760	1.38
50	0	6	MT- 6314	P31.6CCT-ND RES 31.6 OHM 1/8W 1% 0805 SMD SCHED B: 853321 ECCN: EAR99 LEAD: LEAD FREE ROHS: ROHS COMP	50		.02760	1.38
150	0	15	MU- 4060	478-3797-1-ND CAP CERM .10UF 5% 50V X7R 1206 SCHED B: 853224 ECCN: EAR99 LEAD: LEAD FREE ROHS: ROHS COMP	150		.22750	34.13
100	0	8	LV- 2051	399-3676-1-ND CAPACITOR TANT .10UF 35V 10% SMD SCHED B: 853221 ECCN: EAR99 LEAD: LEAD FREE ROHS: ROHS COMP	100		.21000	21.00
50	0	9	MT- 3947	P5.49KCCT-ND RES 5.49K OHM 1/8W 1% 0805 SMD SCHED B: 853321 ECCN: EAR99 LEAD: LEAD FREE ROHS: ROHS COMP	50		.02760	1.38
50	0	10	MS- 3860	P2.61KCCT-ND RES 2.61K OHM 1/8W 1% 0805 SMD SCHED B: 853321 ECCN: EAR99 LEAD: LEAD FREE ROHS: ROHS COMP	50		.02760	1.38

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

DUNS No: 05 760 2120 FEI No: 41-1234968 ANY APPLICABLE SALES TAX NOT COLLECTED ON THIS INVOICE IS THE RESPONSIBILITY OF THE CUSTOMER.



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701 Brooks Ave. South, Thief River Falls, MN 56701-0677 USA

PO: PD 28840510, 1, 33593158 UID

Ship To: ALISON MORROW
JOHNS HOPKINS UNIV/ERC
CSEB 112
3400 N CHARLES ST
BALTIMORE MD 21218-0000

Sold To: JAMIE MEEHAN
JOHNS HOPKINS UNIV/COMP SCI
N418A WYMAN PARK BLDG
3400 N CHARLES ST
BALTIMORE MD 21218-0000

Ordered	Cancelled	Idx	Location	Item Number/Description	Shipped	Back Order	Unit Price US \$	Amount US \$
50	0	11	MS- 3830	P1.27KCCT-ND RES 1.27K OHM 1/8W 1% 0805 SMD SCHED B: 853321 ECCN: EAR99 LEAD: LEAD FREE ROHS: ROHS COMP	50		.02760	1.38
2	0	12	LE- 3712	A122-100-ND CABLE 22AWG 4COND UNSHIELDED SCHED B: 854449 ECCN: EAR99 LEAD: LEAD FREE ROHS: ROHS COMP	2		61.54000	123.08
2	0	13	WA-18303	EPS3012K-ND HEATSHRINK EPS300 1/2"X 4' BLACK SCHED B: 854690 ECCN: EAR99 LEAD: LEAD FREE ROHS: ROHS COMP	2		14.41500	28.83
2	0	14	WA-18700	Q2F516B-ND HEATSHRINK POLY 5/16" BLK 4' SCHED B: 854690 ECCN: EAR99 LEAD: LEAD FREE ROHS: ROHS COMP	2		.79500	1.59
SHIPPABLE ITEMS: 14				TOTAL INVOICED				659.94
				** CHARGES SUBTOTAL **				659.94
				TOTAL (EXCLUDING SHIPPING) CHARGED TO CREDIT CARD				659.94
								U.S. \$\$
				YOUR CREDIT CARD WILL BE CHARGED ABOVE AMOUNT PLUS ACTUAL SHIPPING COSTS				
				TAX EXEMPT				
				THE ORDER IS COMPLETE				
				General - WEB ORDER ID: 34256136 ORDER PROCESSED BY A1KF/1263.				
				These commodities, technology or software were exported from the United States in accordance with the Export Administration regulations. Diversion contrary to U.S. law prohibited.				
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. Please contact the applicable manufacturer regarding manufacturing processes used for any particular component to ensure its conformance with the manufacturer's specifications and/or regarding any applicable test reports on file indicating materials conformance to specifications. 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, Customer Service Manager				

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

DUNS No: 05 760 2120 FEI No: 41-1234968 ANY APPLICABLE SALES TAX NOT COLLECTED ON THIS INVOICE IS THE RESPONSIBILITY OF THE CUSTOMER.



Web ID: 34256136 Access ID: 44270 Salesorder Number: 28840510 Submitted: 12/17/2010 10:43:53 AM

Shipping Address

Alison Morrow
JOHNS HOPKINS UNIV/ERC
CSEB 112
3400 N CHARLES ST
BALTIMORE, MD 21218
USA
Email JMEEHAN@JHU.EDU
Telephone 410-516-4639

Billing Address

Alison Morrow
JOHNS HOPKINS UNIV/ERC
CSEB 112
3400 N CHARLES ST
BALTIMORE, MD 21218
USA
Telephone 410-516-4639

Shipping Method UPS Overnight

Customer Number 3705546

Name on Card Alison Morrow

Payment Method MasterCard

Purchase Order

All prices are in US dollars.

Index	Quantity	Part Number	Manufacturer Part Number	Description	Customer Reference	Backorder Quantity	Unit Price	Extended Price
1	40	OPA130UA-ND	OPA130UA	IC OPAMP GP 1MHZ SGL LN 8SOIC		0	3.82520	\$153.01
2	40	INA128UA-ND	INA128UA	IC OPAMP INSTR 1.3MHZ SGL 8SOIC		0	7.21600	\$288.64
3	50	P1.00KCCT-ND	ERJ-6ENF1001V	RES 1.00K OHM 1/8W 1% 0805 SMD		0	0.02760	\$1.38
4	50	P1.00MCCT-ND	ERJ-6ENF1004V	RES 1.00M OHM 1/8W 1% 0805 SMD		0	0.02760	\$1.38
5	50	P160CCT-ND	ERJ-6ENF1600V	RES 160 OHM 1/8W 1% 0805 SMD		0	0.02760	\$1.38
6	50	P31.6CCT-ND	ERJ-6ENF31R6V	RES 31.6 OHM 1/8W 1% 0805 SMD		0	0.02760	\$1.38
7	150	478-3797-1-ND	I2065C104JAT2A	CAP CERM .10UF 5% 50V X7R 1206		0	0.22750	\$34.13
8	100	399-3676-1-ND	T491A104K035AT	CAPACITOR TANT .10UF 35V 10% SMD		0	0.21000	\$21.00
9	50	P5.49KCCT-ND	ERJ-6ENF5491V	RES 5.49K OHM 1/8W 1% 0805 SMD		0	0.02760	\$1.38
10	50	P2.61KCCT-ND	ERJ-6ENF2611V	RES 2.61K OHM 1/8W 1% 0805 SMD		0	0.02760	\$1.38
11	50	P1.27KCCT-ND	ERJ-6ENF1271V	RES 1.27K OHM 1/8W 1% 0805 SMD		0	0.02760	\$1.38
12	2	A122-100-ND	1174C SL005	CABLE 22AWG 4COND UNSHIELDED		0	61.54000	\$123.08
13	2	EPS3012K-ND	EPS-300 1/2" BL48"BX	HEATSHRINK EPS300 1/2"X 4' BLACK		0	14.41500	\$28.83
14	2	Q2F516B-ND	Q2-F-5/16-01-QB48IN-25	HEATSHRINK POLY 5/16" BLK 4'		0	0.79500	\$1.59
							Subtotal	\$659.94
							Shipping	Estimate
							Sales Tax	\$0.00
							Total	unknown

Fields marked as unknown cannot be determined at this time.

Applicable taxes will be added to your order at submit time unless you have a tax exempt certificate on file with us.

All duties and taxes are the responsibility of the customer.

These commodities, technology or software will be exported from the United States in accordance with the Export Administration regulation. Diversion contrary to U.S. law prohibited.

Note: If your package is of excessive weight and size, someone will contact you prior to shipping and notify you of shipping costs. Shipping charges will be prepaid and added to your order.

Order Notes:

N/A

Jamie Meehan

From: turkishkid4@gmail.com on behalf of Alican Demir [alican@jhu.edu]
Sent: Friday, December 17, 2010 11:27 AM
To: Jamie Meehan
Cc: Eric Fortune
Subject: Digikey part order

Hi Jamie,

We would like to get the following items from Digikey (with the next day air shipping?). This order is for Prof. Eric Fortune and would go to NSF Multi grant: 90034349.

Web ID 34256136 **Access ID** 44270

All prices are in US dollars.							
Index	Quantity	Part Number	Description	Customer Reference	Backorder Quantity	Unit Price	Extended Price
1	40	<u>OPA130UA-ND</u>	IC OPAMP GP 1MHZ SGL LN 8SOIC		0	3.82520	\$153.01
2	40	<u>INA128UA-ND</u>	IC OPAMP INSTR 1.3MHZ SGL 8SOIC		0	7.21600	\$288.64
3	50	<u>P1.00KCCT-ND</u>	RES 1.00K OHM 1/8W 1% 0805 SMD		0	0.02760	\$1.38
4	50	<u>P1.00MCCT-ND</u>	RES 1.00M OHM 1/8W 1% 0805 SMD		0	0.02760	\$1.38
5	50	<u>P160CCT-ND</u>	RES 160 OHM 1/8W 1% 0805 SMD		0	0.02760	\$1.38
6	50	<u>P31.6CCT-ND</u>	RES 31.6 OHM 1/8W 1% 0805 SMD		0	0.02760	\$1.38
7	150	<u>478-3797-1-ND</u>	CAP CERM .10UF 5% 50V X7R 1206		0	0.22750	\$34.13
8	100	<u>399-3676-1-ND</u>	CAPACITOR TANT .10UF 35V 10% SMD		0	0.21000	\$21.00
9	50	<u>P5.49KCCT-ND</u>	RES 5.49K OHM 1/8W 1% 0805 SMD		0	0.02760	\$1.38
10	50	<u>P2.61KCCT-ND</u>	RES 2.61K OHM 1/8W 1% 0805 SMD		0	0.02760	\$1.38
11	50	<u>P1.27KCCT-ND</u>	RES 1.27K OHM 1/8W 1% 0805 SMD		0	0.02760	\$1.38
12	2	<u>A122-100-ND</u>	CABLE 22AWG 4COND UNSHIELDED		0	61.54000	\$123.08
13	2	<u>EPS3012K-ND</u>	HEATSHRINK EPS300 1/2"X 4' BLACK		0	14.41500	\$28.83
14	2	<u>Q2F516B-ND</u>	HEATSHRINK POLY 5/16" BLK 4'		0	0.79500	\$1.59
						Subtotal	\$659.94
						Shipping	<u>Estimate</u>

All prices are in US dollars.							
Index	Quantity	Part Number	Description	Customer Reference	Backorder Quantity	Unit Price	Extended Price
						<u>Sales Tax</u>	unknown
						Total	unknown

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Alican Demir
 Research Specialist
 LIMBS Lab
 Laboratory for Computational Sensing and Robotics
 Johns Hopkins University