



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

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1-800-344-4539 or 218-681-6674

PO Acknowledgement 78915899
USD \$

Bill To:
JABARI JOYNER
JOHNS HOPKINS UNIVERSITY ECE DEPARTMENT
3400 NORTH CHARLES ST
BARTON HALL 105
BALTIMORE MD 21218-0000
USA

Ship To:
AKWASI AKWABOAH
3400 N CHARLES ST
BARTON HALL 105
BALTIMORE MD 21218-2625
USA

Customer: 13769390
Payment Terms: Mastercard
Shipping Method: FedEx Ground
Order Source: INTERNET
Order Date: 28-NOV-2022
Estimated Release Date: 28-NOV-2022/AUTO

Buyer:
AKWASI AKWABOAH
3400 N CHARLES ST
BARTON HALL 401
BALTIMORE MD 21218-2121
USA

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

Line Item	Ordered	Available Qty	Backordered Qty	Item Number/ Description		Unit Price USD \$	Amount USD \$
1	20	20	0	PART: SZBZX84C6V2LT1G0SCT-ND MFG : ONSEMI (VA) / SZBZX84C6V2LT1G COO : CHINA ROHS3 COMP REACH UNAFFECTED 17-JAN-2022	DESC: DIODE ZENER 6.2V 225MW SOT23-3 ECCN: EAR99 HTSUS: 8541.10.0050	0.17100	3.42
2	10	10	0	PART: S7008-ND MFG : SULLINS CONNECTOR SOLUTIONS / PPTC101LFBN-RC COO : TAIWAN ROHS3 COMP REACH UNAFFECTED 10-JUN-2022	DESC: CONN HDR 10POS 0.1 TIN PCB ECCN: EAR99 HTSUS: 8536.69.4040	0.55100	5.51
3	25	25	0	PART: MCP4652T-104E/UNCT-ND MFG : MICROCHIP TECHNOLOGY (VA) / MCP4652T-104E/UN COO : THAILAND ROHS3 COMP REACH UNAFFECTED	DESC: IC DGT POT 100KOHM 257TAP 10MSOP ECCN: EAR99 HTSUS: 8542.39.0001	1.03880	25.97
4	200	200	0	PART: 311-2774-1-ND MFG : YAGEO (VA) / RT0805DRE07100KL COO : TAIWAN ROHS3 COMP REACH UNAFFECTED 08-JUL-2021	DESC: RES SMD 100K OHM 0.5% 1/8W 0805 ECCN: EAR99 HTSUS: 8533.21.0030	0.04430	8.86



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5	200	200	0	PART: 478-10836-1-ND DESC: CAP CER 0.1UF 50V X7R 0805 MFG : KYOCERA AVX COMPONENTS CORPORATION (VA) / 08055C104KAT4A C00 : CHINA ECCN: EAR99 HTSUS: 8532.24.0020 ROHS3 COMP REACH UNAFFECTED 25-JUN-2020 Section 301 Tariff	0.02970	5.94 0.59
6	10	10	0	PART: SAM9190-ND DESC: CONN HDR 80POS SMD GOLD MFG : SAMTEC INC / BTE-040-02-F-D-A C00 : COSTA RICA ECCN: EAR99 HTSUS: 8536.69.4040 ROHS3 COMP REACH UNAFFECTED 25-JUN-2020	8.83000	88.30
7	25	25	0	PART: A32946-ND DESC: CONN RCPT 32POS 0.1 GOLD PCB MFG : TE CONNECTIVITY AMP / 6-534206-6 C00 : CHINA ECCN: EAR99 HTSUS: 8536.69.4040 ROHS COMP REACH NOT AVAILABLE 19-JAN-2021 Section 301 Tariff	6.08400	152.10 15.21
8	50	50	0	PART: 2037-RLT1220-F-5R00-FNHCT-ND DESC: RES SMD 5 OHM 1% 1/3W 0805 MFG : CYNTEC (VA) / RLT1220-F-5R00-FNH C00 : CHINA ECCN: EAR99 HTSUS: 8533.21.0030 ROHS3 COMP Section 301 Tariff	0.25000	12.50 1.25
9	10	10	0	PART: CKN10877CT-ND DESC: SWITCH SLIDE SPDT 300MA 6V MFG : C&K (VA) / JS102011SCQN C00 : CHINA ECCN: EAR99 HTSUS: 8536.50.9050 ROHS3 COMP REACH UNAFFECTED 25-JUN-2020 Section 301 Tariff	0.81600	8.16 0.82
10	10	10	0	PART: BCS-111-LM-S-TE-ND DESC: CONN RCPT 11POS 0.1 GOLD PCB MFG : SAMTEC INC / BCS-111-LM-S-TE C00 : MALAYSIA ECCN: EAR99 HTSUS: 8536.69.4040 ROHS3 COMP REACH UNAFFECTED 25-JUN-2020 NON CANCELLABLE NON RETURNABLE.	2.79700	27.97

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11	40	40	0	PART: MCP3008-I/SL-ND MFG : MICROCHIP TECHNOLOGY / MCP3008-I/SL COO : THAILAND ROHS3 COMP REACH UNAFFECTED 12-JAN-2017	DESC: IC ADC 10BIT SAR 16S0IC ECCN: EAR99 HTSUS: 8542.39.0001	2.42760	97.10
12	10	10	0	PART: 850-RNCF0805DTE200KCT-ND MFG : STACKPOLE ELECTRONICS INC [CI] (VA) / RNCF0805DTE200K COO : TAIWAN ROHS3 COMP REACH UNAFFECTED 25-JUN-2020	DESC: RES 200K OHM 0.5% 1/4W 0805 ECCN: EAR99 HTSUS: 8533.21.0030	0.16200	1.62
13	10	10	0	PART: 399-C0402C101J1HACAUTOCT-ND MFG : KEMET (VA) / C0402C101J1HACAUTO COO : MEXICO ROHS3 COMP	DESC: SMD AUTO X8L, CERAMIC, 100PF, 5% ECCN: EAR99 HTSUS: 8532.24.0020	0.35200	3.52
14	50	50	0	PART: 478-1082-1-ND MFG : KYOCERA AVX COMPONENTS CORPORATION (VA) / 04025A101JAT2A COO : TAIWAN ROHS3 COMP REACH UNAFFECTED 25-JUN-2020	DESC: CAP CER 100PF 50V C0G/NP0 0402 ECCN: EAR99 HTSUS: 8532.24.0020	0.01340	0.67
15	100	100	0	PART: YAG3730CT-ND MFG : YAGEO (VA) / AC0805FR-073KL COO : TAIWAN ROHS3 COMP REACH UNAFFECTED 08-JUL-2021	DESC: RES SMD 3K OHM 1% 1/8W 0805 ECCN: EAR99 HTSUS: 8533.21.0030	0.01790	1.79
16	10	10	0	PART: 450-2133-1-ND MFG : TE CONNECTIVITY ALCOSWITCH (VA) / FSMCTTR COO : CHINA ROHS COMP Section 301 Tariff	DESC: SWITCH TACTILE SPST-NO 0.02A 15V ECCN: EAR99 HTSUS: 8536.50.9031	1.02600	10.26 1.03
17	100	100	0	PART: CR0805-FX-1001ELFCT-ND MFG : BOURNS INC (VA) / CR0805-FX-1001ELF COO : TAIWAN ROHS3 COMP REACH UNAFFECTED 12-JAN-2017	DESC: RES SMD 1K OHM 1% 1/8W 0805 ECCN: EAR99 HTSUS: 8533.21.0030	0.01030	1.03

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18	10	10	0	PART: 478-11883-1-ND DESC: CAP CER 130PF 50V NP0 0805 MFG : KYOCERA AVX COMPONENTS CORPORATION (VA) / 08055A131GAT2A COO : CHINA ECCN: EAR99 HTSUS: 8532.24.0020 ROHS3 COMP REACH UNAFFECTED 25-JUN-2020 Section 301 Tariff	0.32800	3.28 0.33
19	50	50	0	PART: 399-C0805C106K4PAC7800CT-ND DESC: CAP CER 10UF 16V X5R 0805 MFG : KEMET (VA) / C0805C106K4PAC7800 COO : MALAYSIA ECCN: EAR99 HTSUS: 8532.24.0020 ROHS3 COMP REACH UNAFFECTED 25-JUN-2020	0.06900	3.45
20	50	50	0	PART: A129546CT-ND DESC: CRGH0805 1% 4K7 0.33W MFG : TE CONNECTIVITY PASSIVE PRODUCT (VA) / CRGH0805F4K7 COO : THAILAND ECCN: EAR99 HTSUS: 8533.21.0090 ROHS3 COMP REACH UNAFFECTED 19-JAN-2021	0.02580	1.29
21	10	10	0	PART: CKN9552-ND DESC: SWITCH SLIDE SP3T 200MA 30V MFG : C&K / OS103012MU1QP1 COO : CHINA ECCN: EAR99 HTSUS: 8536.50.9050 ROHS3 COMP REACH UNAFFECTED 25-JUN-2020 Section 301 Tariff	0.94200	9.42 0.94
22	10	10	0	PART: LTC1261CS8-4#PBF-ND DESC: IC REG CHARG PUMP -4V 12MA 8S0IC MFG : ANALOG DEVICES INC / LTC1261CS8-4#PBF COO : MALAYSIA ECCN: EAR99 HTSUS: 8542.39.0001 ROHS3 COMP REACH UNAFFECTED 17-JAN-2022	5.62600	56.26
23	10	10	0	PART: MCP4822T-E/SNCT-ND DESC: IC DAC 12BIT V-OUT 8S0IC MFG : MICROCHIP TECHNOLOGY (VA) / MCP4822T-E/SN COO : THAILAND ECCN: EAR99 HTSUS: 8542.39.0001	4.00000	40.00
24	10	10	0	PART: 399-14632-1-ND DESC: CAP CER 75PF 50V NP0 0805 MFG : KEMET (VA) / C0805C750J5GAC7800 COO : MEXICO ECCN: EAR99 HTSUS: 8532.24.0020 ROHS3 COMP REACH UNAFFECTED 25-JUN-2020	0.18200	1.82

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25	10	10	0	PART: 445-175569-1-ND MFG : TDK CORPORATION (VA) / CGA4J1X7R1V335K125AC COO : JAPAN ROHS3 COMP REACH UNAFFECTED 19-JAN-2021	DESC: CAP CER 3.3UF 35V X7R 0805 ECCN: EAR99 HTSUS: 8532.24.0020	0.29000	2.90
26	100	100	0	PART: 311-11.0KCRCT-ND MFG : YAGEO (VA) / RC0805FR-0711KL COO : TAIWAN ROHS3 COMP REACH UNAFFECTED 08-JUL-2021	DESC: RES 11K OHM 1% 1/8W 0805 ECCN: EAR99 HTSUS: 8533.21.0030	0.01480	1.48
27	10	10	0	PART: 475-1278-1-ND MFG : AMS-OSRAM USA INC. (VA) / LS R976-NR-1 COO : TAIWAN ROHS3 COMP REACH UNAFFECTED 25-JUN-2020	DESC: LED RED DIFFUSED 0805 SMD ECCN: EAR99 HTSUS: 8541.41.0000	0.16400	1.64
28	10	10	0	PART: 475-1410-1-ND MFG : AMS-OSRAM USA INC. (VA) / LG R971-KN-1 COO : TAIWAN ROHS3 COMP REACH UNAFFECTED 25-JUN-2020	DESC: LED GREEN DIFFUSED 0805 SMD ECCN: EAR99 HTSUS: 8541.41.0000	0.16400	1.64
29	10	10	0	PART: 475-2488-1-ND MFG : AMS-OSRAM USA INC. (VA) / LO R976-PS-1 COO : TAIWAN ROHS3 COMP REACH UNAFFECTED 25-JUN-2020	DESC: LED ORANGE DIFFUSED 0805 SMD ECCN: EAR99 HTSUS: 8541.41.0000	0.16400	1.64
30	25	25	0	PART: 343-CONBNC001-ND MFG : LINX TECHNOLOGIES INC / CONBNC001 COO : TAIWAN	DESC: BNC CONNECTOR JACK, FEMALE SOCKE ECCN: EAR99 HTSUS: 8536.69.4010	2.27000	56.75
31	100	100	0	PART: 311-73.2KCRCT-ND MFG : YAGEO (VA) / RC0805FR-0773K2L COO : TAIWAN ROHS3 COMP REACH UNAFFECTED 08-JUL-2021	DESC: RES 73.2K OHM 1% 1/8W 0805 ECCN: EAR99 HTSUS: 8533.21.0030	0.01480	1.48

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32	10	10	0	PART: YAG3357CT-ND MFG : YAGEO (VA) / RT0805BRD07200KL COO : TAIWAN ROHS3 COMP REACH UNAFFECTED 08-JUL-2021	DESC: RES SMD 200K OHM 0.1% 1/8W 0805 ECCN: EAR99 HTSUS: 8533.21.0030	0.27200	2.72
33	50	50	0	PART: MCP40D17T-503E/LTCT-ND MFG : MICROCHIP TECHNOLOGY (VA) / MCP40D17T-503E/LT COO : THAILAND ROHS3 COMP REACH UNAFFECTED 12-JAN-2017	DESC: IC DGTL POT 50KOHM 128TAP SC70-6 ECCN: EAR99 HTSUS: 8542.39.0001	0.57240	28.62
34	1	1	0	PART: SMDLTLFP10T4-ND MFG : CHIP QUIK INC / SMDLTLFP10T4 COO : CANADA ROHS3 COMP REACH UNAFFECTED 17-JAN-2022	DESC: SOLDER PASTE LOW TEMP T4 10CC ECCN: EAR99 HTSUS: 3810.10.0000	26.95000	26.95

Sales Amount	696.06
Tariff Amount	20.17
Total Sales and Tariff	716.23
Shipping charges applied	6.99
Sales Tax	42.98
Total	766.20
	USD \$

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