

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

### Invoice # 109468025 Completed Salesorder USD \$

VISA / 9384

ARJUN RAMAKRISHNAN
SPARROWTHENERD
105 LONGFELLOW RD
APT 1
WORCESTER MA 01602-0000

ARJUN RAMAKRISHNAN

WPI BOX # 3189, 100 INSTITUTE RD

WORCESTER MA 01609-0000

**Salesorder / Packlist:** 90482317 / PL1 **Customer:** 13410870

Shipping Method: XGT

**Payment Terms:** 

Tracking #: 437690670201

ARJUN RAMAKRISHNAN 5110 FT ELLSWORTH CT ALEXANDRIA VA 22310-0000 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	10-Jan-2025	13-Jan-2025	13-Jan-2025	13-Jan-2025/AUTO

Line Item	Ordered	Cancelled	Shipped	Item Numb	er/ Description	Unit Price USD \$	Amount USD \$
1	1	0	1	PART: WM5587CT-ND CUST: AE1 MFG: Molex (VA) / 0734120110 COO: TAIWAN, PROVINCE OF CHINA ROHS3 COMP REACH UNAFFECTED Jul-2017	DESC: CONN UMC RCPT STR 50 OHM SMD  HTSUS: 8536.69.4010	0.74000	0.74 T
				Mercury: Cert on File. For more information contact $\underline{E}$	nvironmental@DigiKey.com		
2	1	0	1	PART: 931-1301-1-ND CUST: AE2 MFG: Taoglas Limited (VA) / GGBLA.01.A COO: TAIWAN, PROVINCE OF CHINA ECCN: 7A994 ROHS3 COMP REACH UNAFFECTED Jun-2024 Mercury: Cert on File. For more information contact E		14.17000	14.17 T
3	2	Θ	2	PART: 490-GRM188Z71C225ME43JCT-ND CUST: C1,C3 MFG: Murata Electronics (VA) / GRM188Z71C225ME43J COO: JAPAN ECCN: EAR99 ROHS3 COMP REACH UNAFFECTED Jun-2024		0.20000	0.40 T
4	2	Θ	2	PART: 1276-2082-1-ND CUST: C11,C22 MFG: Samsung Electro-Mechanics (VA) / CL10B474KA8NFN COO: CHINA ECCN: EAR99 ROHS3 COMP REACH UNAFFECTED Jan-2023 Mercury: Cert on File. For more information contact E	HTSUS: 8532.24.0020	0.10000	0.20 T



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Line Item	Ordered	Cancelled	Shipped	Item Number/ Description	Unit Price USD \$	Amount USD \$
5	1	0	1	PART: 490-GRM188C61E226ME01WCT-ND	0.46000	0.46 T
6	2	0	2	PART: 478-TLJP476M006R0900CT-ND  CUST: C13,C14  MFG: KYOCERA AVX (VA) / TLJP476M006R0900  COO: CZECH REPUBLIC  ROHS3 COMP REACH UNAFFECTED Jan-2024  Mercury: Cert on File. For more information contact Environmental@DigiKey.com		4.60 T
7	10	0	10	PART: 490-10024-1-ND	0.01000	0.10 T
8	1	0	1	PART:       490-GRM155C71A225KE11JCT-ND       DESC:       CAP CER 2.2UF 10V X7S 0402         CUST:       C18         MFG:       Murata Electronics (VA) / GRM155C71A225KE11J         COO:       JAPAN       ECCN:       EAR99       HTSUS:       8532.24         ROHS3       COMP REACH UNAFFECTED Jun-2024	0.2.555	0.24 T
9	1	0	1	PART:       478-0603ZC100KAT2ACT-ND       DESC:       CAP CER 10PF 10V X7R 0603         CUST:       C27         MFG:       KYOCERA AVX (VA) / 0603ZC100KAT2A         COO:       CHINA       ECCN:       EAR99       HTSUS:       8532.24         ROHS3       COMP REACH UNAFFECTED Jun-2024	0.13000	0.13 T
10	1	0	1	PART:       490-6270-1-ND       DESC:       CAP CER 0.8PF 50V COG/NP0         CUST:       C30         MFG:       Murata Electronics (VA) / GRM1555C1HR80WA01D         COO:       JAPAN       ECCN:       EAR99       HTSUS:       8532.24         ROHS3       COMP REACH UNAFFECTED Jun-2024	5.27.555	0.17 T
11	1	0	1	PART:       490-5934-1-ND       DESC:       CAP CER 2.7PF 50V COG/NPO         CUST:       C31         MFG:       Murata Electronics (VA) / GRM1555C1H2R7CA01D         COO:       JAPAN       ECCN:       EAR99       HTSUS:       8532.24         ROHS3       COMP REACH UNAFFECTED Jun-2024	0.1000	0.10 T
12	1	0	1	PART: 490-11250-1-ND CUST: C32 MFG: Murata Electronics (VA) / GJM1555C1HR50WB01D COO: SINGAPORE ECCN: EAR99 ROHS3 COMP REACH UNAFFECTED Jun-2024  DESC: CAP CER 0.5PF 50V C0G/NP0 ECCN: EAR99 HTSUS: 8532.24		0.16 T



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Line Item	Ordered	Cancelled	Shipped	Item Number/ Description	Unit Price USD \$	Amount USD \$
13	10	0	10	PART: 490-5868-1-ND	0.00900	0.09 T
14	1	0	1	PART: SK54A-LTPMSCT-ND  CUST: D1  MFG: Micro Commercial Co (VA) / SK54A-LTP  COO: CHINA  ROHS3 COMP REACH UNAFFECTED Jan-2023  Mercury: Cert on File. For more information contact Environmental@DigiKey.com	0.35000	0.35 T
15	1	0	1	PART: 1727-3874-1-ND  CUST: D2  MFG: Nexperia USA Inc. (VA) / PMEG3020EJ,115  COO: CHINA  CON: CHINA	0.40000	0.40 T
16	1	0	1	PART: 160-1447-1-ND  CUST: D3  MFG: LITEON (VA) / LTST-C191KRKT  COO: THAILAND  ROHS3 COMP REACH UNAFFECTED Jun-2023  Mercury: Cert on File. For more information contact Environmental@DigiKey.com	0.22000	0.22 T
17	1	0	1	PART: 712-0900FM15D0039001ECT-ND  CUST: FL1  MFG: Johanson Technology Inc. (VA) / 0900FM15D0039001E  COO: TAIWAN, PROVINCE OF CHINA  ECCN: EAR99  ROHS3 COMP REACH UNAFFECTED Jan-2021	0.46000	0.46 T
18	1	Θ	1	PART: 609-4616-1-ND	0.40000	0.40 T
19	1	0	1	PART: WM6698CT-ND DESC: CONN MICRO SD CARD HINGED TYPE CUST: J2 MFG: Molex (VA) / 0472192001 COO: CHINA ECCN: EAR99 HTSUS: 8536.69.4040 ROHS3 COMP REACH UNAFFECTED Jul-2017 Mercury: Cert on File. For more information contact Environmental@DigiKey.com Section 301 Tariff	1.31000	1.31 T



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Line Item	Ordered	Cancelled	Shipped	Item Number/ Description		Unit Price USD \$	Amount USD \$
20	1	Θ	1	PART: 277-1283-ND  CUST: J3  MFG: Phoenix Contact / 1725753  COO: GREECE  ROHS3 COMP REACH UNAFFECTED Jun-2023  DESC: TERM BI	LK 12P SIDE ENT 2.54MM PCB  HTSUS: 8536.90.4000	9.20000	9.20 T
21	1	0	1	PART: 445-6397-1-ND  CUST: L1  MFG: TDK Corporation (VA) / MLZ2012M150WT000  COO: JAPAN  ECCN: EAR99  ROHS3 COMP REACH UNAFFECTED Jan-2024	IND 15UH 250MA 950MOHM SMD  HTSUS: 8504.50.4000	0.12000	0.12 T
22	1	Θ	1	PART: 445-MHQ1005075HA47NHTD25CT-ND  CUST: L2  MFG: TDK Corporation (VA) / MHQ1005075HA47NHTD25  COO: JAPAN  ECCN: EAR99  ROHS3 COMP REACH UNAFFECTED Jun-2024	IND 47NH 0.18A 1.3 OHM SMD  HTSUS: 8504.50.8000	0.22000	0.22 T
23	1	Θ	1	PART: 458-AST0760MCTRQCT-ND  CUST: LS1  MFG: Mallory Sonalert Products Inc. (VA) / AST0760MCTRQ  COO: CHINA  ECCN: EAR99  ROHS3 COMP REACH UNAFFECTED Jun-2023 Section 301 Tariff	PIEZO 3V 7.5X7.5 SMD  HTSUS: 8531.80.9041	2.36000	2.36 T
24	3	0	3	PART: SI7232DN-T1-GE3CT-ND  CUST: Q1,Q2,Q3  MFG: Vishay Siliconix (VA) / SI7232DN-T1-GE3  COO: CHINA  ECCN: EAR99  ROHS3 COMP REACH AFFECTED Jun-2023  Section 301 Tariff	2N-CH 20V 25A PPAK 1212  HTSUS: 8541.29.0095	1.29000	3.87 T
25	1	Θ	1	PART: 13-RT0402BRE0750RLCT-ND  CUST: R25  MFG: YAGEO (VA) / RT0402BRE0750RL  COO: TAIWAN, PROVINCE OF CHINA  ROHS3 COMP REACH UNAFFECTED Jan-2024  DESC: RES SMI  DESC: RES	D 50 OHM 0.1% 1/16W 0402  HTSUS: 8533.21.0030	0.17000	0.17 T
26	10	Θ	10	PART: P4.7KBZCT-ND DESC: RES SMI CUST: R3,R4,R28,R29 MFG : PANASONIC ELECTRONIC COMPONENTS (VA) / ERJ-PA3J472V COO : JAPAN ECCN: EAR99 ROHS3 COMP REACH UNAFFECTED Jun-2023	D 4.7K OHM 5% 1/3W 0603  HTSUS: 8533.21.0030	0.05600	0.56 T



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Line Item	Ordered	Cancelled	Shipped	Item Number	Description	Unit Price USD \$	Amount USD \$
27	10	Θ	10	PART: 311-470ERCT-ND CUST: R7,R14,R15,R16,R17,R18,R19 MFG: YAGEO (VA) / RC1206JR-07470RL COO: TAIWAN, PROVINCE OF CHINA ROHS3 COMP REACH UNAFFECTED Jan-2024	DESC: RES 470 OHM 5% 1/4W 1206  HTSUS: 8533.21.0030	0.02300	0.23 T
28	50	0	50	PART: RMCF0603JT27K0CT-ND CUST: R8,R24,R30,R32,R35,R36,R37,R38 MFG: Stackpole Electronics Inc. (VA) / RMCF0603JT27K0 COO: TAIWAN, PROVINCE OF CHINA ECCN: EAR99 ROHS3 COMP REACH UNAFFECTED Jun-2023 Mercury: Cert on File. For more information contact Env	DESC: RES 27K OHM 5% 1/10W 0603  HTSUS: 8533.21.0030  ironmental@DigiKey.com	0.00840	0.42 T
29	50	0	50	PART: RMCF0603FT100KCT-ND CUST: R9,R10,R11,R20,R31,R33,R34 MFG: Stackpole Electronics Inc. (VA) / RMCF0603FT100K COO: TAIWAN, PROVINCE OF CHINA ECCN: EAR99 ROHS3 COMP REACH UNAFFECTED Jun-2023 Mercury: Cert on File. For more information contact Env	DESC: RES 100K OHM 1% 1/10W 0603  HTSUS: 8533.21.0030  ironmental@DigiKey.com	0.00920	0.46 T
30	1	0	1	PART: 39-A6S-2104-H-ND CUST: SW1 MFG: Omron Electronics Inc-EMC Div / A6S-2104-H COO: CHINA ROHS COMP REACH UNAFFECTED Jun-2023	DESC: SWITCH SLIDE DIP SPST 0.025A 24V  HTSUS: 8536.50.9065	1.90000	1.90 T
31	1	0	1	PART: 296-35172-1-ND CUST: U1 MFG: Texas Instruments (VA) / LM2940LD-5.0/NOPB COO: MALAYSIA ROHS3 COMP REACH UNAFFECTED Jun-2022	DESC: IC REG LINEAR 5V 1A 8WSON  HTSUS: 8542.39.0060	2.11000	2.11 T
32	1	0	1	PART: SX1262IMLTRTCT-ND CUST: U10 MFG: Semtech Corporation (VA) / SX1262IMLTRT COO: TAIWAN, PROVINCE OF CHINA ECCN: 5A991B4 ROHS3 COMP REACH UNAFFECTED Jan-2023	DESC: IC RF TXRX ISM<1GHZ 24QFN  HTSUS: 8542.39.0010	7.99000	7.99 T
33	1	0	1	PART: 672-MAX-M10S-00BCT-ND CUST: U11 MFG : u-blox (VA) / MAX-M10S-00B COO : AUSTRIA ROHS3 COMP REACH UNAFFECTED Jan-2022	DESC: GNSS LCC RX, ROM, TCXO, LNA, SAW HTSUS: 8526.91.0020	21.00000	21.00 T



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34	1	0	1	PART: LM1117LD-3.3/NOPBCT-ND CUST: U12 MFG: Texas Instruments (VA) / LM1117LD-3.3/NOPB COO: MALAYSIA ROHS3 COMP REACH UNAFFECTED Jun-2022		1.43000	1.43 T
35	1	0	1	PART: 296-11600-1-ND CUST: U13 MFG: Texas Instruments (VA) / SN74LVC1G04DCKR COO: CHINA ECCN: EAR99 ROHS3 COMP REACH UNAFFECTED Jun-2022	DESC: IC INVERTER 1CH 1-INP SC70-5  HTSUS: 8542.39.0060	0.11000	0.11 T
36	1	0	1	PART: 296-DRV8210DRLRCT-ND CUST: U2 MFG: Texas Instruments (VA) / DRV8210DRLR COO: PHILIPPINES ROHS NA REACH UNAFFECTED Jun-2022	DESC: 12-V, 1.76-A BRUSHED DC MOTOR DR  HTSUS: 8542.39.0060	0.68000	0.68 T
37	1	0	1	PART: 1267-MMC5983MACT-ND CUST: U3 MFG: Memsic Inc. (VA) / MMC5983MA COO: CHINA ROHS3 COMP REACH UNAFFECTED Dec-2012 Section 301 Tariff	DESC: 3-AXIS MAGNETIC SENSOR  HTSUS: 8542.39.0060	2.79000	2.79 T 0.28
38	1	0	1	PART: 1428-ICM-42688-PCT-ND CUST: U4 MFG: TDK InvenSense (VA) / ICM-42688-P COO: TAIWAN, PROVINCE OF CHINA ROHS3 COMP REACH UNAFFECTED Jan-2022	DESC: MOTION SENSOR HTSUS: 9031.80.8085	5.63000	5.63 T
39	1	0	1	PART: 863-1943-1-ND CUST: U5 MFG: Skyworks Solutions Inc. (VA) / SKY66105-11 COO: MEXICO ROHS3 COMP  ECCN: 5A991	DESC: FEM WITH HIGH POWER PA, DPDT  G HTSUS: 8542.39.0060	5.64000	5.64 T
40	1	0	1	PART: 223-1198-1-ND CUST: U7 MFG: TE Connectivity Measurement Specialties (VA) / COO: CHINA ECCN: EAR99 ROHS3 COMP REACH UNAFFECTED Jan-2021		8.72000	8.72 T



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Line Item	Ordered	Cancelled	Shipped	Item Numb	er/ Description	Unit Price USD \$	Amount USD \$
41	1	0	1	PART: 505-ADXL375BCCZ-ND CUST: U8 MFG : Analog Devices Inc. / ADXL375BCCZ COO : PHILIPPINES ROHS3 COMP REACH UNAFFECTED Jun-2022  ECCN: EAR99	DESC: ACCELEROMETER 200G I2C/SPI 14LGA  HTSUS: 8542.39.0060	9.93000	9.93 T
42	1	0	1	PART: 296-16845-1-ND CUST: U9 MFG: Texas Instruments (VA) / SN74LVC2T45DCTR COO: JAPAN ROHS3 COMP REACH UNAFFECTED Jun-2022	DESC: IC TRANSLATOR BIDIRECTIONAL SM8  HTSUS: 8542.39.0060	0.44000	0.44 T
43	1	0	1	PART: XC2750CT-ND CUST: Y1 MFG: ECS Inc. (VA) / ECS-2520MV-240-BN-TR COO: TAIWAN, PROVINCE OF CHINA ECCN: EAR99 ROHS3 COMP REACH UNAFFECTED Jan-2023	DESC: XTAL OSC XO 24.0000MHZ CMOS SMD  HTSUS: 8542.39.0060	1.13000	1.13 T
44	1	Θ	1	PART: 535-ATX-11-F-32.000MHZ-F05-TCT-ND CUST: Y2 MFG: Abracon LLC (VA) / ATX-11-F-32.000MHZ-F05-T COO: TAIWAN, PROVINCE OF CHINA ECCN: EAR99 ROHS3 COMP REACH UNAFFECTED Jan-2024		2.72000	2.72 Т

Sales Amount	114.53
Tariff Amount	1.08
Total Sales and Tariff	115.61
Shipping charges applied	6.99
** Charges subtotal **	122.60
Sales Tax	7.23
Total charged to credit card	129.83
	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	XGT	437690670201	0.62 kgs / 1 lbs 6 oz	1	WM5587CT-ND	1
				2	931-1301-1-ND	1
				3	490-GRM188Z71C225ME43JCT-ND	2



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Box	Ship Method	Tracking	Weight	Line Item	Part	Quantity
				4	1276-2082-1-ND	2
				5	490-GRM188C61E226ME01WCT-ND	1
				6	478-TLJP476M006R0900CT-ND	2
				7	490-10024-1-ND	10
				8	490-GRM155C71A225KE11JCT-ND	1
				9	478-0603ZC100KAT2ACT-ND	1
				10	490-6270-1-ND	1
				11	490-5934-1-ND	1
				12	490-11250-1-ND	1
				13	490-5868-1-ND	10
				14	SK54A-LTPMSCT-ND	1
				15	1727-3874-1-ND	1
				16	160-1447-1-ND	1
				17	712-0900FM15D0039001ECT-ND	1
				18	609-4616-1-ND	1
				19	WM6698CT-ND	1
				20	277-1283-ND	1
				21	445-6397-1-ND	1
				22	445-MHQ1005075HA47NHTD25CT-ND	1
				23	458-AST0760MCTRQCT-ND	1
				24	SI7232DN-T1-GE3CT-ND	3
				25	13-RT0402BRE0750RLCT-ND	1
				26	P4.7KBZCT-ND	10
				27	311-470ERCT-ND	10
				28	RMCF0603JT27K0CT-ND	50
				29	RMCF0603FT100KCT-ND	50
				30	39-A6S-2104-H-ND	1
				31	296-35172-1-ND	1
				32	SX1262IMLTRTCT-ND	1
				33	672-MAX-M10S-00BCT-ND	1
				34	LM1117LD-3.3/NOPBCT-ND	1
					296-11600-1-ND	1
				36	296-DRV8210DRLRCT-ND	1
				37	1267-MMC5983MACT-ND	1
					1428-ICM-42688-PCT-ND	1



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Box	Ship Method	Tracking	Weight	Line Item	Part	Quantity
				39	863-1943-1-ND	1
				40	223-1198-1-ND	1
				41	505-ADXL375BCCZ-ND	1
				42	296-16845-1-ND	1
				43	XC2750CT-ND	1
				44	535-ATX-11-F-32.000MHZ-F05-TCT-ND	1

General - WEB ORDER ID: 353670164

#### 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 or through the 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.

Sam aland

Pam Aaland, Senior Manager, Customer Resolution - Americas

All errors should be reported within 60 days of the invoice date via <a href="https://www.digikey.com/mydigikey/returns">https://www.digikey.com/mydigikey/returns</a>. 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.

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