

Invoice

Page: 1 of 1 Run Date: 2023-08-18

Run Time: 15:10:26

Business Unit:COLUMInvoice Number:UB0423060C6VVoucher Number:05989773Invoice Date:2023-06-21

Voucher Number:05989773Invoice Date:20Voucher Style:REGMiscellaneous:0

 Vendor:
 0000083007
 Freight:
 0

 Vendor Location:
 CHK-01
 VAT:
 0

TSMC NORTH AMERICA

TSMC NORTH-001

Sales Tax: 0
Invoice Total: 15134

4893 COLLECTIONS CENTER DRIVE

Currency: USD
Use Tax: 0

CHICAGO, IL 60693 VAT Not on Invoice: 0

Payment Terms: 00

Control Group:

Related Voucher Number:

Lease Number:

Vouche	Voucher Line Information												
<u>Line</u> 1	<u>Item</u>	Description Mask Set & Pilot Wafer Lot: 0.	<u>Qty</u> 1	Unit Price 15134	UOM LO	<u>Amt</u> 15134	<u>Distributior</u> <u>Distrib#</u> 1	Acct 68100	etion Project GG012664	Activity 01	Segment KLS30	Initiative 60908	<u>Amt</u> 15134



TSMC North America 2851 Junction Avenue, San Jose, CA 95134,

TEL: 1-408-382-8000

USA

INVOICE

INVOICE NO. INVOICE DATE

UB0423060C6V 06/21/2023 (Security C -TSMC Internal)

SHIP TO :

Columbia University No delivery

RECEIVED 6/22/23

BILL TO :

FAX: 1-408-382-8008

Trustees Of Columbia University PROFESSOR KEN SHEPARD-KS1191

530 West 120th Street, FL 10 RM/STE 1001

New York, NY10027

USA

ATTN: Kenneth Shepard

USA

ATTN: Mr. Ken Shepard

TEL : FAX :

Dest. Broker:

PAYMENT TERMS: Net 30 days after invoicing

DELIVERY TERMS: EXW-TSMC

SHIP VIA:

ORIGIN: TAIWAN

	LIVERY TERMS: EXW-TSMC		ORIGIN: TA	T 447 714	
ITEM	CUSTOMER ORDER/PRODUCT	TSMC SALES ORDER/PRODUCT/DESCRIPTION	UNIT PRICE/UNIT	QUANTITY	AMOUNT
1	PO:COLUM-0000220324 IBIS/BISC PO Line:ADDL	6" MASK FOR WAFER UB0423050495 TMPT08-009B	797.00/PC	1.00	797.00
2	PO:COLUM-0000220324 IBIS/BISC PO Line:by NRE	6" MASK FOR WAFER UB0423050495 TMPT08-020A	0.00/PC	1.00	0.00
3	PO:COLUM-0000220324 IBIS/BISC PO Line:ADDL	6" MASK FOR WAFER UB0423050495 TMPT08-020B	797.00/PC	1.00	797.00
4	PO:COLUM-0000220324 IBIS/BISC PO Line:ADDL	6" MASK FOR WAFER UB0423050495 TMPT08-2A0A	797.00/PC	1.00	797.00
5	PO:COLUM-0000220324 IBIS/BISC PO Line:ADDL	6" MASK FOR WAFER UB0423050495 TMPT08-306B	918.00/PC	1.00	918.00
6	PO:COLUM-0000220324 IBIS/BISC PO Line:ADDL	6" MASK FOR WAFER UB0423050495 TMPT08-308B	797.00/PC	1.00	797.00
7	PO:COLUM-0000220324 IBIS/BISC PO Line:ADDL	6" MASK FOR WAFER UB0423050495 TMPT08-309B	918.00/PC	1.00	918.00
8	PO:COLUM-0000220324 IBIS/BISC PO Line:ADDL	6" MASK FOR WAFER UB0423050495 TMPT08-384B	5158.00/PC	1.00	5158.00
9	PO:COLUM-0000220324 IBIS/BISC PO Line:ADDL	6" MASK FOR WAFER UB0423050495 TMPT08-385B	2476.00/PC	1.00	2476.00



TSMC North America

2851 Junction Avenue, San Jose, CA 95134, USA

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06/21/2023

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Columbia University

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PAYMENT TERMS: Net 30 days after invoicing

DELIVERY TERMS: EXW-TSMC

SHIP VIA:

ORIGIN: TAIWAN

ITEM	CUSTOMER ORDER/PRODUCT	TSMC SALES ORDER/PRODUCT/DESCRIPTIO	N UNIT PRICE/UNIT	QUANTITY	AMOUNT
10	PO:COLUM-0000220324 IBIS/BISC PO Line:ADDL	6" MASK FOR WAFER UB0423050495 TMPT08-386B	2476.00/PC	1.00	2476.00
	GRA	ND TOTAL	177	USD	15134.00
THAN	NK YOU FOR YOUR ORDER	Cox.	TOTAL AMOUNT DUE:	USD	15134.00

Payment please wire to:

Bank of America

1850 Gateway Blvd, Concord, CA 94520

USA

ABA: 026009593

Account Name: TSMC North America

Account No.: 1233005515

Check please pay to:

TSMC North America

4893 Collections Center Drive, Chicago, IL 60693 USA

FOR INVOICE DETAIL, PLEASE CONTACT Sofia Lee

Shipped from: tsmc Hsinchu

6, Creation Rd. II,
Hsinchu Science Park,
Hsinchu 300-77, Taiwan

Tel: Fax:



Columbia University

615 West 131st Street Studebaker Building 3rd Floor New York NY 10027 United States

> Supplier: 0000083007 TSMC NORTH AMERICA 4893 COLLECTIONS CENTER DRIVE CHICAGO IL 60693

Purchase Order

Dispatch via Print **Purchase Order** Date Revision Page COLUM-0000251562 08/17/2023 Ship Via Payment Terms Freight Terms Net 30 FOB Destination Common Currency **Requestor Email** ep2170@columbia.edu USD Phone Requestor Eugene Profanato 212/854-3961

Ship To: 1045070701

550 West 120th Street Northwest Corner Building

FL 07 RM/STE 0701 New York NY 10027 United States

Attention: PROFESSOR KEN SHEPARD KS1068

Bill To: 530 West 120th Street

Schapiro Cepsr FL 10 RM/STE 1001

RM/STE 1001 New York NY 10027 United States

Tax Exempt? Y Tax Exempt ID: EXEMPT

Line-Sch Item/Description
Quantity UOM
PO Price Extended Amt Due Date

1- 1 Mask Set & Pilot Wafer Lot: 0.13
UM CMOS High Voltage Mixed Signal
based Low Power BCD Triple Gate

FSG CU 1P6M 39L SALICIDE NBL/PBL EPI 1.5/3.3/5/10/20/28/36/Vg1.5/3.3/5V - 12 inch *Per Quote UB04-2022-002*

Schedule Total

64,375.00

==

- ***THIS CO-02 IS TO ADD ADDITIONAL ITEMS AS LISTED BELOW BASED ON 2023 PRICING IN EFFECT***
- ***1 EA FLIP- CHIP NRE \$8,357.00 EA \$ 8,357.00 EXT ***
- ***5 EA BUMPING CHARGES \$ 234.00 EA \$ 1,170.00 EXT ***
- ***4 EA BIN A \$ 797.00 EA \$ 3,188.00 EXT ***
- ***2 EA BIN D \$ 918.00 EA \$ 1,836.00 EXT ***
- ***1 EA BIN F \$2,476.00 EA \$ 2,476.00 EXT ***
- ***2 EA CLEAR G \$5,158.00 EA \$10,316.00 EXT ***
- ***4 EA 12" WAFERS \$3,703.20 EA \$14,812.80 EXT ***
- *** TOTAL \$42,155.80 ***
- *** TOTAL CO-02 \$42,155.80 + PO \$215,073.20 = TOTAL VALUE OF PO \$257,229 ***

Item Total

64,375.00

- ***THIS IS A NEW PO FOR CLOSED PO. 0000220324-02 WITH A REMAINING BALANCE OF \$64,375.00 ***
- ***DO NOT ENTER / PROCESS / DUPLICATE SOW *** THIS PO IS FOR PAYMENT ONLY ***
- ***PLEASE SEND ALL INVOICES & QUESTIONS FOR THIS PO TO: CISE@COLUMBIA.EDU ***
- ***ITEMS ARE NEW CAPITAL COMPONENTS TO FAB0000044 NON TAGGABLE ***
- *** KS1068 ***

Purchase Order to pay for the invoices listed below, plus any additional invoices for the balance of this PO only

Pricing and specification only per invoices:

UB04230704VS, dated 07/07/2023 \$9,527.00 USD UB0423060C6V, dated 06/21/2023 \$15134.00 USD UB04230702FD, dated 07/04/2023 \$29625.60 USD

Authorized Signature



Columbia University 615 West 131st Street

615 West 131st Stree Studebaker Building 3rd Floor New York NY 10027 United States

> Supplier: 0000083007 TSMC NORTH AMERICA 4893 COLLECTIONS CENTER DRIVE CHICAGO IL 60693

Purchase Order

		Dispatch via Print						
Purchase Order		Date	Revision	Page				
COLUM-00002515	62 (08/17/2	023	2				
Payment Terms	Freight Term	าร		Ship Via				
Net 30	FOB Destir	nation		Common				
Requestor Email				Currency				
ep2170@columbi	a.edu			USD				
Requestor	F	Phone						
Eugene Profana	to 2	212/854	-3961					

Dispetch via Brint

Ship To: 1045070701

550 West 120th Street Northwest Corner Building

FL 07 RM/STE 0701 New York NY 10027 United States

Attention: PROFESSOR KEN SHEPARD KS1068

Bill To: 530 West 120th Street

Schapiro Cepsr

FL 10 RM/STE 1001 New York NY 10027 United States

Tax Exempt? Y Tax Exempt ID: EXEMPT

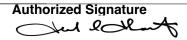
Line-Sch Item/Description Quantity UOM PO Price Extended Amt Due Date

Remaining balance after above invoices are paid = \$10,088.40 USD

No further purchases are authorized by this Purchase Order.

Total PO Amount 64,375.00

This Purchase Order is governed by Columbia University's Terms and Conditions located at:





Columbia University 615 West 131st Street

Studebaker Building 3rd Floor New York NY 10027 **United States**

> Supplier: 0000083007 TSMC NORTH AMERICA 4893 COLLECTIONS CENTER DRIVE CHICAGO IL 60693

Purchase Order

Dispatch via Print Purchase Order Page Date Revision COLUM-0000251562 08/17/2023 Ship Via **Payment Terms Freight Terms** Net 30 FOB Destination Common Currency **Requestor Email** ep2170@columbia.edu USD Requestor Phone Eugene Profanato 212/854-3961

1045070701 Ship To:

> 550 West 120th Street Northwest Corner Building

FL 07 RM/STE 0701 New York NY 10027 **United States**

Attention: PROFESSOR KEN SHEPARD KS1068

530 West 120th Street

Schapiro Cepsr FL 10 **RM/STE 1001**

New York NY 10027 **United States**

Tax Exempt? Y Tax Exempt ID: EXEMPT

Line-Sch Item/Description **Quantity UOM** PO Price Extended Amt Due Date

https://www.finance.columbia.edu/sites/default/files/content/Finance%20Documents/Buying%20and%20Payin g/Purchasing/Purchase%20Order%20Terms%20and%20Conditions.pdf

These terms and Conditions supersede any other contract terms unless expressly agreed to in writing by both parties.

> Authorized Signature Jul lollant



Mona Anis Saleh Naser <man2175@columbia.edu>

Re: Request To Approve Vouchers

1 message

Elizabeth W. Demissie <ewd3@columbia.edu>

Fri, Aug 18, 2023 at 4:23 PM

To: Mona Naser <man2175@columbia.edu>

Cc: Michelle Ashley Capuno <mec2263@columbia.edu>, Jennifer Guzman Pichardo <jg3923@columbia.edu>, Salsabeel Hamud Al-Silwi <sha2137@barnard.edu>, Josette Marie Content <jmc2422@columbia.edu>, Anais Fotsing <apf2149@barnard.edu>, Mariam A Naser <man2182@barnard.edu>, Quan Ha <qh2254@barnard.edu>, Mariam Sikiru <mas2584@barnard.edu>

These vouchers are approved in ARC 05989779 05989739

05989735

05989572

05981799

05980499

These are approved and it required Will's /SEAS approval

05989760 (Attached)

05989773 (Attached)

05975101 (Attached)

Thanks,

Liz

On Fri, Aug 18, 2023 at 3:55 PM Mona Naser <man2175@columbia.edu> wrote:

Can you please review and approve the following vouchers? They have all been budget checked.

05989760 (Attached)

05989773 (Attached)

05975101 (Attached)

05989779

05989739

05989735

05989572

05981799

05980499

Thank you!

Best,

Mona

Mona Naser

Financial Analyst

Columbia University | Columbia Nano Initiative

530 West 120th Street, 1001 Schapiro/CEPSR, New York, NY 10027

(212) 853 - 4379 man2175@columbia.edu

Elizabeth Demissie

Grants and Contracts Manager

Columbia University

Cepsr/Schapiro Rm 1001 530 W 120th St New York, NY 10027

Tel: 212-854-1910 Fax: 212-854-1909 Email: ewd3@columbia.edu

3 attachments





