

Converge

Create

Elevate



Converge • Create • Elevate | Company and Product Introduction

2026Q2

Company Profile

ABOUT PRUXIS

Rooted in Wuxi, Genuine as Uncut Jade

Based in Wuxi, Jiangsu — one of China's key semiconductor hubs — Pruxis is a dynamic new force in the industry, combining respect for technology with sharp market insight to deliver high-quality chips and solutions to customers worldwide.

Core Strengths

- **Selection & Validation**
Carefully selected wafer and OSAT resources, with electrical and reliability validation on every part.
- **Supply Chain Assurance**
Stable capacity and delivery to fully support customers' volume production.
- **Local Technical Support**
Professional FAE team for part selection, cross-referencing and design-in support.

Brand Philosophy



Genuine • Pragmatic

Putting the quality of every chip first.



Chip • Core

The core strength powering our customers' products.

Converge to Create • Together We Go Far

OUR ROADMAP

Roadmap: Steady Start, Sustained Growth

Built on rigorous selection and validation, we advance product rollout and market expansion step by step — growing with our customers and steadily broadening product and application coverage.

01

Phase 1 • Establish
Rigorous Validation, Fast Delivery

Carefully select mature, mainstream industry supply chains, rigorously validating electrical characteristics and reliability to deliver high-quality, easy-to-adopt products.

02

Phase 2 • Deepen
Self-Defined Products, Building Our Edge

Move beyond homogeneous competition through self-developed, self-defined chips, pursuing a differentiated technology path.

03

Phase 3 • Expand
Continuous Improvement, Shared Growth

Continuously strengthen our product matrix and technical services, embracing broader markets hand in hand with our customers.

OUR VALUES

Converge to Create

Together We Go Far

Pragmatic, Collaborative, Innovative,
Reliable — our unwavering commitment to
customers and partners.

CONVERGE • CREATE • ELEVATE



Pragmatic

PRAGMATIC

Down-to-earth and
disciplined — every chip must
stand the market's test.



Collaborative

COLLABORATIVE

Open and inclusive, growing
through win-win partnerships
across the industry.



Innovative

INNOVATIVE

Creating value through ever-
better part selection and
solutions.

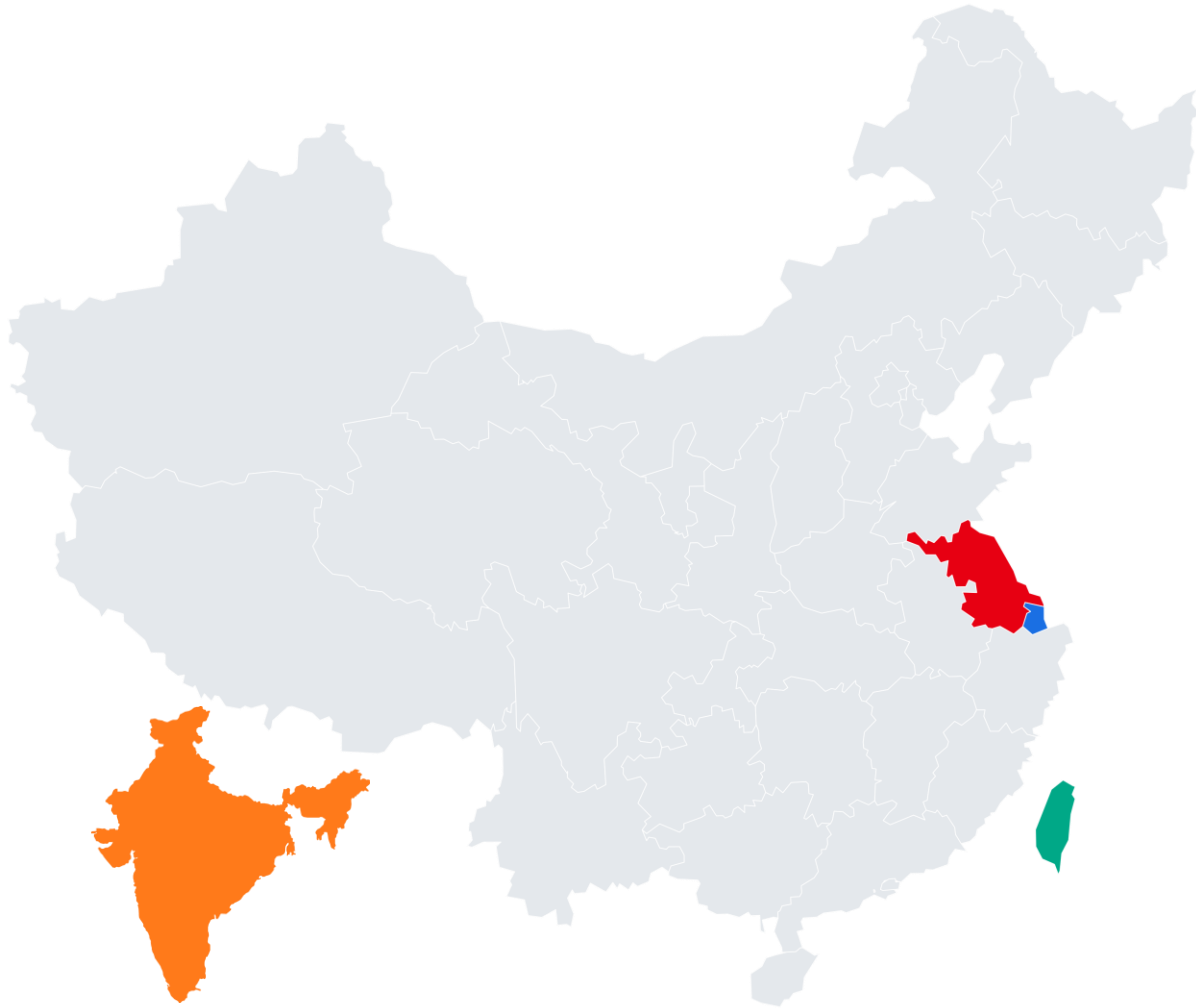


Reliable

RELIABLE

What we deliver is a firm,
consistent promise of quality
and service.

Offices & Distribution Channels



Wuxi

HQ · Operations & R&D Center



Shanghai

Sales Office



Taiwan

Sales Office



Korea

Distribution Channel



India

Distribution Channel

Part Number	Res. (bits)	Supply	INL/DNL (LSB)	Ch.	Output Tybe	Differential Output	Data Interface	Settling	Temp Range (°C)	Package	Comparable Part Number
PXDA5088N	8	2.7V ~ 5.5V	±0.5, +0.15/-0.18	8	Voltage - Buffered	N	SPI/DSP	4.5µs	-40°C ~ 125°C	QFN-16	DAC088S085CISQ (TI)
PXDA5088T	8	2.7V ~ 5.5V	±0.5, +0.15/-0.18	8	Voltage - Buffered	N	SPI/DSP	4.5µs	-40°C ~ 125°C	TSSOP-16	DAC088S085CIMT (TI)
PXDA5108N	10	2.7V ~ 5.5V	±2, +0.35/-0.28	8	Voltage - Buffered	N	SPI/DSP	6µs	-40°C ~ 125°C	QFN-16	DAC108S085CISQ (TI)
PXDA5108T	10	2.7V ~ 5.5V	±2, +0.35/-0.28	8	Voltage - Buffered	N	SPI/DSP	6µs	-40°C ~ 125°C	TSSOP-16	DAC108S085CIMT (TI)
PXDA5128N	12	2.7V ~ 5.5V	±8, +0.75/-0.48	8	Voltage - Buffered	N	SPI/DSP	8.5µs	-40°C ~ 125°C	QFN-16	DAC128S085CISQ (TI)
PXDA5128T	12	2.7V ~ 5.5V	±8, +0.75/-0.48	8	Voltage - Buffered	N	SPI/DSP	8.5µs	-40°C ~ 125°C	TSSOP-16	DAC128S085CIMT (TI)
PXDA5324BM	12	2.5V ~ 5.5V	±2, ±0.24	4	Voltage - Buffered	N	SPI/DSP	10µs	-40°C ~ 125°C	MSOP-10	AD5324BRMZ (ADI)
PXDA5324BN	12	2.5V ~ 5.5V	±2, ±0.24	4	Voltage - Buffered	N	SPI/DSP	10µs	-40°C ~ 125°C	QFN-10	AD5324BCPZ (ADI)
PXDA5324AM	12	2.5V ~ 5.5V	±2, ±0.24	4	Voltage - Buffered	N	SPI/DSP	10µs	-40°C ~ 125°C	MSOP-10	AD5324ARMZ (ADI)
PXDA5324AN	12	2.5V ~ 5.5V	±2, ±0.24	4	Voltage - Buffered	N	SPI/DSP	10µs	-40°C ~ 125°C	QFN-10	AD5324ACPZ (ADI)
PXDA5314BM	10	2.5V ~ 5.5V	±0.5, ±0.054	4	Voltage - Buffered	N	SPI/DSP	9µs	-40°C ~ 125°C	MSOP-10	AD5314BRMZ (ADI)
PXDA5314BN	10	2.5V ~ 5.5V	±0.5, ±0.054	4	Voltage - Buffered	N	SPI/DSP	9µs	-40°C ~ 125°C	QFN-10	AD5314BCPZ (ADI)
PXDA5314AM	10	2.5V ~ 5.5V	±0.5, ±0.054	4	Voltage - Buffered	N	SPI/DSP	9µs	-40°C ~ 125°C	MSOP-10	AD5314ARMZ (ADI)
PXDA5314AN	10	2.5V ~ 5.5V	±0.5, ±0.054	4	Voltage - Buffered	N	SPI/DSP	9µs	-40°C ~ 125°C	QFN-10	AD5314ACPZ (ADI)
PXDA5304BM	8	2.5V ~ 5.5V	±0.125, ±0.054	4	Voltage - Buffered	N	SPI/DSP	6µs	-40°C ~ 125°C	MSOP-10	AD5304BRMZ (ADI)
PXDA5304BN	8	2.5V ~ 5.5V	±0.125, ±0.054	4	Voltage - Buffered	N	SPI/DSP	6µs	-40°C ~ 125°C	QFN-10	AD5304BCPZ (ADI)
PXDA5304AM	8	2.5V ~ 5.5V	±0.125, ±0.054	4	Voltage - Buffered	N	SPI/DSP	8µs	-40°C ~ 125°C	MSOP-10	AD5304ARMZ (ADI)
PXDA5304AN	8	2.5V ~ 5.5V	±0.125, ±0.054	4	Voltage - Buffered	N	SPI/DSP	8µs	-40°C ~ 125°C	QFN-10	AD5304ACPZ (ADI)
PXDA5541	16	2.7V ~ 5.5V	±1, ±11	1	Voltage - Buffered	N	SPI/QSPI/MICROWIRE	1µs	-40°C ~ 85°C	SOP-8	AD5541C (ADI)
PXDA5541H	16	2.7V ~ 5.5V	±1, ±11	1	Voltage - Buffered	N	SPI/QSPI/MICROWIRE	1µs	-40°C ~ 105°C	SOP-8	AD5541C (ADI)
PXDA5542	16	2.7V ~ 5.5V	±1, ±11	1	Voltage - Buffered	N	SPI/QSPI/MICROWIRE	1µs	-40°C ~ 85°C	SOP-14	AD5542C (ADI)
PXDA5542H	16	2.7V ~ 5.5V	±1, ±11	1	Voltage - Buffered	N	SPI/QSPI/MICROWIRE	1µs	-40°C ~ 105°C	SOP-14	AD5542C (ADI)

Part Number	Res. (bits)	Supply	Function Description	Ch.	Update Rate	SFDR	Data Interface	Noise Spectral Density	Temp (°C)	Package	Comparable PN
PXDA5783	16	1.8V/3.3V	High Speed DAC	2	500MSPS	67.5@120MHZ	LVDS	-165@40MHZ	-40°C ~ 85°C	QFN-72	AD9783 (ADI)
PXDA5747	16	1.8V/3.3V	High Speed DAC	2	250MSPS	70.5@70MHZ	COMS	- 164@15.36MHZ	-40°C ~ 85°C	QFN-72	AD9747 (ADI)
PXDA5739	14	1.8V/3.3V	High Speed DAC	1	2500MSPS	70@100MHZ	LVDS	-166@100Mhz	-40°C ~ 85°C	BGA-160	AD9739 (ADI)
PXDA5779	16	1.8V/3.3V	High Speed DAC	2	1000MSPS	80@100MHZ	LVDS/CMOS	-158@80MHZ	-40°C ~ 85°C	TQFP-100	AD9779 (ADI)
PXDA5122	16	1.8V/3.3V	High Speed DAC	2	1200MSPS	80@50MHZ	LVDS	-164@80MHZ	-40°C ~ 85°C	QFN-72	AD9122(ADI)
PXDA5957	14	1.8V/3.3V	High Speed DAC	1	1000MSPS	>80窄帶	COMS	-166@20.1MHz	-40°C ~ 85°C	TQFP-100	AD9957 (ADI)

Direct Digital Synthesizer (DDS) & RF Agile Transceiver

Part Number	Res. (bits)	Supply	Function Description	Ch.	Update Rate	SFDR	Data Interface	Phase Noise	Temp (°C)	Package	Comparable PN
PXDD5910	14	1.8V~3.3V	Direct Digital Synthesizer	1	1000MS PS	$-87@ \pm 500\text{kHz}$ $F_{\text{out}}=50.1\text{MHz}$	COMS	$\leq -125\text{ dBc/Hz @ }1\text{kHz offset (400MHz carrier)}$	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	TQFP-100	AD9910 (ADI)

RF Agile Transceiver

Part Number	Band	Ch. Config	Ch. Bandwidth	Mod. Accuracy	Rx Noise Figure	ADC/DAC	Data Interface	Temp (°C)	Power (typ)	Package	Comparable PN
PRF5361EBA	70MHz ~	2T2R	<200 kHz ~ 56 MHz	$\leq -40\text{ dB}$	2dB (800 MHz)	12-bit	CMOS/LVDS	$-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$	500mA	BGA-144	AD9361/63/64
PRF5361BA	70MHz ~	2T2R	<200 kHz ~ 56 MHz	$\leq -40\text{ dB}$	2dB (800 MHz)	12-bit	CMOS/LVDS	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	500mA	BGA-144	AD9361/63/64

Part Number	Res. (bits)	Sample Rate	Ch.	SNR (dBFS)	SFDR (dBc)	Power (mW)	Temp Range (°C)	Package	Comparable Part Number
PXAS5616	16	1MSPS*2	16	90.5	-110	130	-40°C ~ 125°C	TQFP-80	AD7616 (ADI)
PXAS5608	18	200 kSPS	8	90	-110	130	-40°C ~ 85°C	TQFP-64	AD7608 (ADI)
PXAS5608M	18	200 kSPS	8	90	-110	130	-40°C ~ 125°C	TQFP-64	ADS8598S(TI)/AD7608(ADI)
PXAS5606	16	200 kSPS	8	89	-110	130	-40°C ~ 85°C	TQFP-64	AD7606 (ADI)
PXAS5606M	16	200 kSPS	8	89	-110	130	-40°C ~ 125°C	TQFP-64	ADS8588S(TI)/AD7606(ADI)
PXAS5142	16	200 kSPS	8	85.5	-107	130	-40°C ~ 85°C	TQFP-64	N/A
PXAS5960	18	5MSPS	1	99	-115	64.5	-40°C ~ 85°C	QFN-32	AD7960(ADI)

Part Number	Res. (bits)	Sample Rate	Ch.	ENOB	Power	Temp Range (°C)	Package	Comparable Part Number
PXSD5299	24	16 kSPS	8	21.7	39 mW	-40°C ~ 85°C	TQFP-64	ADS1299 (TI)
PXSD5298	24	32 kSPS	8	21	17.5 mW	-40°C ~ 85°C	TQFP-64	ADS1298 (TI)
PXSD5292	24	16kSPS	2	20.83	12.8 mW (HDR=0)	-40°C ~ 85°C	QFN-32	Custom function, compatible with ADS1292 (TI)
PXSD5278	24	144kSPS	8	17.98	530–785 mW (HR mode)	-40°C ~ 85°C	TQFP-64	ADS1278 (TI)
PXSD5274	24	144kSPS	4	17.98	285–420 mW (HR mode)	-40°C ~ 85°C	TQFP-64	ADS1274 (TI)
PXSD5274W2	24	144kSPS	4	16.8	590 mW	-55°C ~ 210°C	CQFP-64	ADS1274S(TI)
PXSD5278W2	24	144kSPS	8	16,8	1182 mW	-55°C ~ 210°C	CQFP-64	ADS1278STI)
PXSD5274W1	24	144kSPS	4	17.98	392 mW	-55°C ~ 175°C	eTQFP-64	ADS1274H(TI)
PXSD5278W1	24	144kSPS	8	17.98	785 mW	-55°C ~ 175°C	eTQFP-64	ADS1278H(TI)
PXSD5274W	24	144kSPS	4	17.98	530–785 mW (HR mode)	-55°C ~ 125°C	eTQFP-64	ADS1274H(TI)
PXSD5278W	24	144kSPS	8	17.98	285–420 mW (HR mode)	-55°C ~ 125°C	eTQFP-64	ADS1278H(TI)
PXSD531E08	24	64kSPS	8	18.3	30 mW (HR, 64kSPS)	-40°C ~ 105°C	LQFP-64	ADS131E08(TI)
PXSD531E04	24	64kSPS	4	18.3	15 mW (HR, 64kSPS)	-40°C ~ 105°C	LQFP-64	ADS131E04(TI)
PXSD5256	24	16 kSPS	8	18.6	45 mW	-40°C ~ 85°C	SSOP-28	ADS1256 (TI)
PXSD5248	24	2ksps	8	19.5	1.4 mW	-40°C ~ 85°C	SSOP-28	ADS1248 (TI)
PXSD5247	24	2ksps	4	19.5	1.27 mW	-40°C ~ 85°C	SSOP-20	ADS1247 (TI)
PXSD5246	24	2ksps	1	19.5	0.99 mW	-40°C ~ 85°C	SSOP-16	ADS1246 (TI)
PXSD5220	24	2ksps	4	19.4	1.4 mW	-40°C ~ 125°C	TSSOP-16	ADS1220(TI)
PXSD5120	16	2ksps	4	14.14	1.4 mW	-40°C ~ 125°C	TSSOP-16	ADS1120(TI)
PXSD5779	16	16ksps	8	20.1/19.94	HR mode 86 mW / Low-power 27 mW	-40°C ~ 85°C	QFN-64	AD7779(ADI)

Part Number	Res. (bits)	Sample Rate	Ch.	SNR (dBFS)	SFDR (dBc)	Power (mW)	Temp Range (°C)	Package	Comparable Part Number
PXAP5268-80	16	80 MSPS	2	77	85	500	-40°C ~ 85°C	QFN-64	AD9268BCPZ-80 (ADI)
PXAP5268-105	16	105 MSPS	2	77	85	500	-40°C ~ 85°C	QFN-64	AD9268BCPZ-105 (ADI)
PXAP5268-125	16	125 MSPS	2	77	85	500	-40°C ~ 85°C	QFN-64	AD9268BCPZ-125 (ADI)
PXAP5467-250	16	250MSPS	1	72	89	1295	-40°C ~ 85°C	QFN-72	AD9467BCPZ-250 (ADI)
PXAP5653W-80	16	80 MSPS	4	76	88	787	-55°C ~ 125°C	QFN-48	Ext-temp, functionally compatible with AD9653
PXAP5653W-105	16	105 MSPS	4	76	88	787	-55°C ~ 125°C	QFN-48	Ext-temp, functionally compatible with AD9653
PXAP5653W-125	16	125 MSPS	4	76	88	787	-55°C ~ 125°C	QFN-48	Ext-temp, functionally compatible with AD9653
PXAP5253W-80	14	80 MSPS	4	75	88	787	-55°C ~ 125°C	QFN-48	Ext-temp, functionally compatible with AD9253
PXAP5253W-105	14	105 MSPS	4	75	88	787	-55°C ~ 125°C	QFN-48	Ext-temp, functionally compatible with AD9253
PXAP5253W-125	14	125 MSPS	4	75	88	787	-55°C ~ 125°C	QFN-48	Ext-temp, functionally compatible with AD9253
PXAP5653-80	16	80 MSPS	4	77.5	90	652	-40°C ~ 85°C	QFN-48	AD9653-80 (ADI)
PXAP5653-105	16	105 MSPS	4	77.5	90	652	-40°C ~ 85°C	QFN-48	AD9653-105 (ADI)
PXAP5653-125	16	125 MSPS	4	77.5	90	652	-40°C ~ 85°C	QFN-48	AD9653-125 (ADI)
PXAP5253-80	14	80 MSPS	4	75.5	90	652	-40°C ~ 85°C	QFN-48	AD9253-80 (ADI)
PXAP5253-105	14	105 MSPS	4	75.5	90	652	-40°C ~ 85°C	QFN-48	AD9253-105 (ADI)
PXAP5253-125	14	125 MSPS	4	75.5	90	652	-40°C ~ 85°C	QFN-48	AD9253-125 (ADI)
PXAP5656-125	16	125 MSPS	4	79	91	780	-40°C ~ 85°C	QFN-56	AD9656-125 (ADI) -204B
PXAP5230-210	12	210 MSPS	1	67	86.83	672	-40°C ~ 85°C	QFN-56	AD9230-210/170
PXAP5230D-200	14	200 MSPS	1	70	82	672	-40°C ~ 85°C	QFN-56	Hardware compatible with AD9230 / DDR only
PXAP5245-50	14	50MSPS	1	65	82	414	-40°C ~ 85°C	QFN-32	AD9245-20 / AD9245-40
PXAP5434-500	12	500 MSPS	1	65.6	81.7	626	-40°C ~ 85°C	QFN-56	AD9434-500 (ADI)
PXAP5815	8	1.5GSPS	2	46.1	57.1	2100	-40°C ~ 85°C	LQFP-128	Hardware compatible with ADS08D1500 (TI)
PXAP5695-13	14	1.3GSPS	2	60	68	2300	-40°C ~ 85°C	QFN-64	AD9695 (ADI); functionally compatible with AD9680
PXAP5689-26	14	2.6GSPS	2	58.5	70	3200	-40°C ~ 85°C	BGA-196	AD9689 (ADI)



Converge to Create, Together We Go Far

Grounded effort, cutting-edge innovation.

The road is long, but those who walk will arrive.

We look forward to walking side by side with every customer and partner, witnessing together the rise of China's semiconductor industry.

sales@pruxis-semi.com