

# Design Services Partner Profile



## Design Gateway Co., Ltd. Company Overview

Date : 03/20/2023

www.design-gateway.com

### Partner Details

Partner Tier:

Elite Certified

Headquarters Location:

89/13 Amornpan 205 Tower1, 11th floor,  
Nathong Alley, Din Daeng, Bangkok, Thailand

Xilinx Alliance Partner Since:

3/4/2013

### Key Contact Info

Phunjapa Ruengsinsub

phunjapa@design-gateway.com

### Regions Served

APAC, Central and South America,  
Eastern Europe and Russia, Japan,  
Middle East, North America Central

### Supported Product Types

Yes

Design  
Services

No

Embedded Products

Yes

IP

No

EDA Tools

Yes

Boards

### Engineering Service Types

Yes

General Purpose Services

Yes

Services in Support of Products Sold Preferred

Yes

Services Leading to Contract  
Manufacturing

Maximum Service Scope: Chip level FPGA / ASIC  
design

### Engagement Models Supported

Yes

SOW-Based Fixed Bid Projects

Preferred

Yes

Time and Materials

At my location

Captive Resources at Partner or  
Customer Premises

### Xilinx Design Tool Experience

Yes

Vivado

No

SDSoC

No

HLx

No

SDAccel

### Industry Certifications Achieved

### Industry Certification Services Offered

CE, FCC

### Government Clearances

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# Design Services Partner Profile



## Design Gateway Co., Ltd. Segment and Application Focus

Primary Focus	<b><u>Defense/Aerospace</u></b>	<div> No Focus  No Focus  No Focus  No Focus  No Focus  No Focus  No Focus  No Focus  No Focus  No Focus </div>	Homeland Security Electronic Warfare ISR Space Missiles & Munitions Military Avionics Commercial Avionics SatComm Wireless Milcom Other A&D
Secondary Focus	<b><u>Audio, Video, Broadcast</u></b>	<div> No Focus  No Focus  No Focus  No Focus  No Focus  No Focus  No Focus  No Focus  No Focus </div>	Encoders & Decoders Monitors & Projection Networking & Converters Audio Systems Video Processing Cards Video Conferencing Routers and Switches Pro Cameras & Camcorders Other Broadcast
Secondary Focus	<b><u>Automotive &amp; Transport</u></b>	<div> No Focus  No Focus  No Focus  No Focus  No Focus </div>	Driver Assist - Camera Driver Assist Radar/LIDAR Driver Info/Infotainment Automated Driving Other Automotive
No Focus	<b><u>Consumer</u></b>	<div> No Focus  No Focus  No Focus  No Focus </div>	Digital Display Drones Multifunction Printers Other Consumer
Primary Focus	<b><u>Datacenter</u></b>	<div> No Focus  No Focus  No Focus </div>	Storage Compute Networking
Primary Focus	<b><u>Industrial, Medical</u></b>	<div> No Focus  No Focus  No Focus  No Focus  No Focus  No Focus </div>	Motor Control Industrial Networking Surveillance Machine Vision Medical Imaging Medical / Clinical Other ISM

# Design Services Partner Profile



## Design Gateway Co., Ltd. Segment and Application Focus (continued)

Primary Focus	<b>Test &amp; Measurement</b>		No Focus	Simulation / Emulation
			No Focus	T & M Instrumentation
			No Focus	Semiconductor Test
			No Focus	Wired Communication Test
			No Focus	Wireless Communications Test
			No Focus	Other Test & Measurement
Primary Focus	<b>Wired Comms &amp; Networks</b>		No Focus	Access Equipment
			No Focus	Long Haul/Transport
			No Focus	Wired Mobile Backhaul
			No Focus	OTN
			No Focus	Enterprise Equipment
			No Focus	Ethernet Interlaken Connectivity
			No Focus	Packet Processing
			No Focus	Other Wired Communications
No Focus	<b>Wireless Comms &amp; Networks</b>		No Focus	Baseband
			No Focus	Wireless Backhaul
			No Focus	Connectivity & Switching
			No Focus	Radio
			No Focus	Other Wireless

# Design Services Partner Profile



## Design Competencies

System Architecture	No Focus	
RF and Analog Design	No Focus	
FPGA Design and Integration	Primary Focus	Design Gateway Co., Ltd. specializes in IP cores for high performance and low resources usage solutions in data storage, networking and security fields on FPGA such as NVMe, SATA, TCP/IP, UDP/IP, EMAC, AES, SHA and tCAM.
FPGA Timing Closure	No Focus	
FPGA Design Optimization	Primary Focus	Customization support for DG's IP Core
Signal Integrity Design and Analysis	No Focus	
	Inhouse or Subcontracted:	
	Typical Serial Speed:	0
PCB Design & Layout	Primary Focus	Design schematic, PCB, assembly then test and debug board to prove interface correctly.
	Inhouse or Subcontracted:	
Industrial and Mechanical Design	No Focus	
	Inhouse or Subcontracted:	
Industry Certification and Compliance Testing	No Focus	
	Inhouse or Subcontracted:	
Quality and Reliability Testing	No Focus	
	Inhouse or Subcontracted:	
Contract Manufacturing	No Focus	
	Inhouse or Subcontracted:	
	Max Quantities Supported:	
Digital Signal Processing	No Focus	
	Experience:	
Embedded Processors	No Focus	
	Experience:	
Embedded Porting / BSP Extension	No Focus	
	OS and RTOS Design Experience:	
Embedded Application	No Focus	

# Design Services Partner Profile



## Development

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### Image Sensor Fusion

Homo or Heterogeneous:

Sensor Types Design Experience:

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### Computer Vision

### Machine Learning

Framework Experience:

Network Model Experience:

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