

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

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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	<u>Defense/Aerospace</u>	<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	<u>Audio, Video, Broadcast</u>	<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	<u>Automotive & Transport</u>	<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	<u>Consumer</u>	<div> No Focus No Focus No Focus No Focus </div>	Digital Display Drones Multifunction Printers Other Consumer
Primary Focus	<u>Datacenter</u>	<div> No Focus No Focus No Focus </div>	Storage Compute Networking
Primary Focus	<u>Industrial, Medical</u>	<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

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

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

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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	

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Development

Image Sensor Fusion

Homo or Heterogeneous:

Sensor Types Design Experience:

Computer Vision

Machine Learning

Framework Experience:

Network Model Experience:
