

Design Services Partner Profile



Numato Systems Private Limited Company Overview

Date : 02/22/2023

www.numato.com

Partner Details

Partner Tier: Select
Headquarters Location: Hulimangala Main Road, Electronic City, BANGALORE,, India
Xilinx Alliance Partner Since: 12/6/2022

Key Contact Info

Anoop Jose
anoop.jose@numato.com

Regions Served

Central and South America, Eastern Europe and Russia, India, Japan, North America Central, North America East, Western Europe

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: Turnkey / full product design	

Engagement Models Supported

Yes	SOW-Based Fixed Bid Projects	Preferred
Yes	Time and Materials	
Both	Captive Resources at Partner or Customer Premises	

Xilinx Design Tool Experience

Yes	Vivado	No	SDSoC
No	HLx	No	SDAccel

Industry Certifications Achieved

ISO 9001

Industry Certification Services Offered

CE

Government Clearances

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Numato Systems Private Limited Segment and Application Focus

No Focus	Defense/Aerospace	<ul style="list-style-type: none"> No Focus No Focus No Focus No Focus No Focus No Focus No Focus No Focus No Focus No Focus 	<ul style="list-style-type: none"> Homeland Security Electronic Warfare ISR Space Missiles & Munitions Military Avionics Commercial Avionics SatComm Wireless Milcom Other A&D
Secondary Focus	Audio, Video, Broadcast	<ul style="list-style-type: none"> No Focus No Focus No Focus No Focus No Focus No Focus No Focus No Focus No Focus No Focus 	<ul style="list-style-type: none"> Encoders & Decoders Monitors & Projection Networking & Converters Audio Systems Video Processing Cards Video Conferencing Routers and Switches Pro Cameras & Camcorders Other Broadcast
Secondary Focus	Automotive & Transport	<ul style="list-style-type: none"> No Focus No Focus No Focus No Focus No Focus 	<ul style="list-style-type: none"> Driver Assist - Camera Driver Assist Radar/LIDAR Driver Info/Infotainment Automated Driving Other Automotive
Secondary Focus	Consumer	<ul style="list-style-type: none"> No Focus No Focus No Focus No Focus 	<ul style="list-style-type: none"> Digital Display Drones Multifunction Printers Other Consumer
Primary Focus	Datacenter	<ul style="list-style-type: none"> No Focus No Focus No Focus 	<ul style="list-style-type: none"> Storage Compute Networking
Primary Focus	Industrial, Medical	<ul style="list-style-type: none"> No Focus No Focus No Focus No Focus No Focus No Focus No Focus 	<ul style="list-style-type: none"> Motor Control Industrial Networking Surveillance Machine Vision Medical Imaging Medical / Clinical Other ISM

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Numato Systems Private Limited Segment and Application Focus (continued)

Primary Focus	Test & Measurement	<ul style="list-style-type: none"> No Focus No Focus No Focus No Focus No Focus No Focus 	<ul style="list-style-type: none"> Simulation / Emulation T & M Instrumentation Semiconductor Test Wired Communication Test Wireless Communications Test Other Test & Measurement
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Secondary Focus	Wired Comms & Networks	<ul style="list-style-type: none"> No Focus No Focus No Focus No Focus No Focus No Focus No Focus No Focus 	<ul style="list-style-type: none"> Access Equipment Long Haul/Transport Wired Mobile Backhaul OTN Enterprise Equipment Ethernet Interlaken Connectivity Packet Processing Other Wired Communications
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No Focus	Wireless Comms & Networks	<ul style="list-style-type: none"> No Focus No Focus No Focus No Focus No Focus 	<ul style="list-style-type: none"> Baseband Wireless Backhaul Connectivity & Switching Radio Other Wireless
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Design Competencies

System Architecture	Primary Focus
RF and Analog Design	Secondary Focus
FPGA Design and Integration	Secondary Focus
FPGA Timing Closure	Secondary Focus
FPGA Design Optimization	Secondary Focus
Signal Integrity Design and Analysis	No Focus
Inhouse or Subcontracted:	
Typical Serial Speed:	
PCB Design & Layout	Primary Focus
Inhouse or Subcontracted:	Inhouse
Industrial and Mechanical Design	Secondary Focus
Inhouse or Subcontracted:	Inhouse
Industry Certification and Compliance Testing	No Focus
Inhouse or Subcontracted:	None
Quality and Reliability Testing	Primary Focus
Inhouse or Subcontracted:	Inhouse
Contract Manufacturing	Secondary Focus
Inhouse or Subcontracted:	Inhouse
Max Quantities Supported:	10,000+
Digital Signal Processing	No Focus
Experience:	
Embedded Processors	Primary Focus
Experience:	12+ Years of Expertise



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Embedded Porting / Secondary
Focus

BSP Extension
OS and RTOS Design Experience: FreeRTOS, Linux

Embedded Application Secondary
Focus

Development

Image Sensor Fusion No Focus

Homo or Heterogeneous: None
Sensor Types Design Experience:

Computer Vision Secondary
Focus

Machine Learning Secondary
Focus

Framework Experience: TensorFlow
Network Model Experience: GoogLeNet, ResNet, SSD
