

# Design Services Partner Profile



## Shinko Shoji LSI Design Center Co Ltd Company Overview

Date : 02/14/2019

<https://www.sld-shinko.co.jp/>

### Partner Details

Partner Tier: Elite  
Headquarters Location: 1-5, NORTH7, WEST1, KITA-KU, SAPPORO,, Japan  
Xilinx Alliance Partner Since: 1/15/2019

### Key Contact Info

Hisashi Nagao  
[hisashi.nagao@sld-shinko.co.jp](mailto:hisashi.nagao@sld-shinko.co.jp)

### Regions Served

Japan

### Supported Product Types

Yes	Design Services	No	Embedded Products
No	IP	No	EDA Tools
No	Boards		

### Engineering Service Types

Yes	General Purpose Services	Preferred
No	Services in Support of Products Sold	
No	Services Leading to Contract Manufacturing	

Maximum Service Scope: Board level 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	Yes	SDSoC
Yes	HLx	No	SDAccel

### Industry Certifications Achieved

### Industry Certification Services Offered

### Government Clearances

# Design Services Partner Profile



## Shinko Shoji LSI Design Center Co Ltd Segment and Application Focus

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

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## Shinko Shoji LSI Design Center Co Ltd Segment and Application Focus (continued)

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

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## Design Competencies

System Architecture	No Focus
RF and Analog Design	No Focus
FPGA Design and Integration	Primary Focus
FPGA Timing Closure	Primary Focus
FPGA Design Optimization	Primary Focus
Signal Integrity Design and Analysis	No Focus
Inhouse or Subcontracted: Typical Serial Speed:	
PCB Design & Layout	Primary Focus
Inhouse or Subcontracted:	Subcontracted
Industrial and Mechanical Design	Primary Focus
Inhouse or Subcontracted:	Both
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	Primary Focus
Experience:	
Embedded Processors	Primary Focus
Experience:	
Embedded Porting / BSP Extension	Primary Focus
OS and RTOS Design Experience:	
Embedded Application Development	Primary Focus
Image Sensor Fusion	Secondary Focus
Homo or Heterogeneous:	Both

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Sensor Types Design Experience:

Computer Vision	Primary Focus
Machine Learning	Secondary Focus

Framework Experience:  
Network Model Experience: