

# Design Services Partner Profile



## [vSync Circuits Ltd. Company Overview](#)

Date : 09/22/2017

[www.vsyncc.com](http://www.vsyncc.com)

### Partner Details

Partner Tier: Premier  
Headquarters Location: 6 Ha-Carmel st., Yoqneam Illit,, Israel  
Xilinx Alliance Partner Since: 11/5/2014

### Key Contact Info

Leonid Guberman  
leong@vsyncc.com

### Regions Served

<b>Supported Product Types</b>	Yes	Design Services	No	Embedded Products
	No	IP	Yes	EDA Tools
	No	Boards		

<b>Engineering Service Types</b>	Yes	General Purpose Services	
	Yes	Services in Support of Products Sold	Preferred
	No	Services Leading to Contract Manufacturing	

Maximum Service Scope: Chip level FPGA / ASIC design

<b>Engagement Models Supported</b>	Yes	SOW-Based Fixed Bid Projects	Preferred
	Yes	Time and Materials	
	Both	Captive Resources at Partner or Customer Premises	

<b>Xilinx Design Tool Experience</b>	Yes	Vivado	No	SDSoC
	No	HLx	No	SDAccel

### Industry Certifications Achieved

### Industry Certification Services Offered

**Government Clearances** Israeli government security clearance

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## vSync Circuits Ltd. Segment and Application Focus

Primary 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>Primary Focus</li> <li>No Focus</li> <li>No Focus</li> <li>No Focus</li> <li>Primary 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>No Focus</li> <li>No Focus</li> <li>No Focus</li> <li>No Focus</li> <li>No Focus</li> <li>No Focus</li> <li>Primary Focus</li> <li>No 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>
No Focus	<u>Automotive &amp; Transport</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> </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>
No Focus	<u>Consumer</u>	<ul style="list-style-type: none"> <li>No Focus</li> <li>No Focus</li> <li>No Focus</li> <li>No 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>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>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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## vSync Circuits Ltd. Segment and Application Focus (continued)

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

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## Design Competencies

<b>System Architecture</b>	No Focus
<b>RF and Analog Design</b>	No Focus
<b>FPGA Design and Integration</b>	Primary Focus
<b>FPGA Timing Closure</b>	Primary Focus
<b>FPGA Design Optimization</b>	Primary Focus
<b>Signal Integrity Design and Analysis</b>	No Focus
Inhouse or Subcontracted:	
Typical Serial Speed:	0
<b>PCB Design &amp; Layout</b>	No Focus
Inhouse or Subcontracted:	
<b>Industrial and Mechanical Design</b>	No Focus
Inhouse or Subcontracted:	
<b>Industry Certification and Compliance Testing</b>	No Focus
Inhouse or Subcontracted:	
<b>Quality and Reliability Testing</b>	No Focus
Inhouse or Subcontracted:	
<b>Contract Manufacturing</b>	No Focus
Inhouse or Subcontracted:	
Max Quantities Supported:	
<b>Digital Signal Processing</b>	No Focus
<b>Experience:</b>	
<b>Embedded Processors</b>	No Focus
<b>Experience:</b>	
<b>Embedded Porting / BSP Extension</b>	No Focus
OS and RTOS Design Experience:	
<b>Embedded Application Development</b>	No Focus
<b>Image Sensor Fusion</b>	
Homo or Heterogeneous:	

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Sensor Types Design Experience:

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**Computer Vision**

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**Machine Learning**

Framework Experience:

Network Model Experience:

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