

# Design Services Partner Profile



## PRO-DESIGN Electronic GmbH Company Overview

Date : 12/13/2017

www.prodesign-europe.com

### Partner Details

Partner Tier: Member  
Headquarters Location: Albert Mayer Strasse 14 -  
16,Bruckmuehl,,Germany  
Xilinx Alliance Partner Since: 4/20/2012

### Key Contact Info

Philipp Ampletzer  
philipp.ampletzer@prodesign-europe.com

### Regions Served

APAC, Japan, North America Central,  
North America East, North America  
West, Western Europe

### Supported Product Types

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

### Engineering Service Types

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

Maximum Service Scope:

### Engagement Models Supported

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

### Xilinx Design Tool Experience

Yes	Vivado	Yes	SDSoC
No	HLx	No	SDAccel

### Industry Certifications Achieved

ISO 13485, ISO 14001, ISO 9001

### Industry Certification Services Offered

CE

### Government Clearances

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## PRO-DESIGN Electronic GmbH Segment and Application Focus

Secondary Focus	<b>Defense/Aerospace</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> <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	<b>Audio, Video, Broadcast</b>	<ul style="list-style-type: none"> <li>Primary Focus</li> <li>Primary Focus</li> <li>Primary Focus</li> <li>Primary Focus</li> <li>Primary Focus</li> <li>Primary Focus</li> <li>Primary Focus</li> <li>Primary Focus</li> <li>Primary 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>
Secondary Focus	<b>Automotive &amp; Transport</b>	<ul style="list-style-type: none"> <li>Secondary Focus</li> <li>Secondary Focus</li> <li>Secondary Focus</li> <li>Secondary 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>
Secondary Focus	<b>Consumer</b>	<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>
Primary Focus	<b>Datacenter</b>	<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>
Secondary Focus	<b>Industrial, Medical</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> </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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## PRO-DESIGN Electronic GmbH Segment and Application Focus (continued)

Primary Focus	<b>Test &amp; Measurement</b>	Primary Focus Primary Focus Primary Focus Primary Focus Primary Focus Primary Focus	Simulation / Emulation T & M Instrumentation Semiconductor Test Wired Communication Test Wireless Communications Test Other Test & Measurement
Primary Focus	<b>Wired Comms &amp; Networks</b>	Primary Focus Primary Focus Primary Focus Primary Focus Primary Focus Primary Focus Primary Focus	Access Equipment Long Haul/Transport Wired Mobile Backhaul OTN Enterprise Equipment Ethernet Interlaken Connectivity Packet Processing Other Wired Communications
Primary Focus	<b>Wireless Comms &amp; Networks</b>	Primary Focus Primary Focus Primary Focus Primary Focus Primary Focus	Baseband Wireless Backhaul Connectivity & Switching Radio Other Wireless

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## Design Competencies

<b>System Architecture</b>	Secondary Focus
<b>RF and Analog Design</b>	No Focus
<b>FPGA Design and Integration</b>	Secondary Focus
<b>FPGA Timing Closure</b>	Secondary Focus
<b>FPGA Design Optimization</b>	Secondary Focus
<b>Signal Integrity Design and Analysis</b>	Secondary Focus Inhouse or Subcontracted: Inhouse Typical Serial Speed:
<b>PCB Design &amp; Layout</b>	Primary Focus Inhouse or Subcontracted: Inhouse
<b>Industrial and Mechanical Design</b>	Secondary Focus Inhouse or Subcontracted: Inhouse
<b>Industry Certification and Compliance Testing</b>	Secondary Focus Inhouse or Subcontracted: Subcontracted
<b>Quality and Reliability Testing</b>	Secondary Focus Inhouse or Subcontracted: Inhouse
<b>Contract Manufacturing</b>	Primary Focus Inhouse or Subcontracted: Inhouse Max Quantities Supported: 1000s
<b>Digital Signal Processing</b>	Primary Focus
<b>Experience:</b>	
<b>Embedded Processors</b>	Secondary Focus Experience:

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**Embedded Porting /  
BSP Extension** No Focus

OS and RTOS Design Experience:

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**Embedded Application** Secondary  
Focus

**Development**

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**Image Sensor Fusion** No Focus

Homo or Heterogeneous: None

Sensor Types Design Experience:

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**Computer Vision** Secondary  
Focus

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**Machine Learning** Secondary  
Focus

Framework Experience:

Network Model Experience:

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