Design Services Partner Profile

AMD XILINX

Electra IC Company Overview

Partner Details

Partner Tier:	Elite Certified
Headquarters Location:	Sanayi Mah.,Istanbul,,Turkey
Xilinx Alliance Partner Since:	3/1/2022

Key Contact Info

Ates Berna
ates.berna@electraic.com

Regions Served

Eastern Europe and Russia, Middle East, Western Europe

Supported Product Types

Yes	Design Services	Yes	Embedded Products
Yes	IP	Yes	EDA Tools
Yes	Boards		

Engineering Service Types

Yes	General Purpose Services	Preferred
Yes	Services in Support of Products Sold	
Yes	Services Leading to Contract Manufacturing	
Maximum Service Scope:	Turnkey / full product design	

Engagement Models Supported

Yes	SOW-Based Fixed Bid Projects	
Yes	Time and Materials	Preferred
Both	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

Government Clearances

NATO Clearance

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Electra IC Segment and Application Focus

Primary Focus	**Defense/Aerospace**	No Focus	Homeland Security
		No Focus	Electronic Warfare
		No Focus	ISR
		No Focus	Space
		No Focus	Missiles & Munitions
		No Focus	Military Avionics
		No Focus	Commercial Avionics
		No Focus	SatComm
		No Focus	Wireless Milcom
		No Focus	Other A&D

Secondary Focus	**Audio, Video, Broadcast**	No Focus	Encoders & Decoders
		No Focus	Monitors & Projection
		No Focus	Networking & Converters
		No Focus	Audio Systems
		No Focus	Video Processing Cards
		No Focus	Video Conferencing
		Secondary Focus	Routers and Switches
		No Focus	Pro Cameras & Camcorders
		No Focus	Other Broadcast

Secondary Focus	**Automotive & Transport**	No Focus	Driver Assist - Camera
		No Focus	Driver Assist Radar/LIDAR
		No Focus	Driver Info/Infotainment
		No Focus	Automated Driving
		No Focus	Other Automotive

Secondary Focus	**Consumer**	No Focus	Digital Display
		No Focus	Drones
		No Focus	Multifunction Printers
		No Focus	Other Consumer

No Focus	**Datacenter**	No Focus	Storage
		No Focus	Compute
		No Focus	Networking

Primary Focus	**Industrial, Medical**	No Focus	Motor Control
		No Focus	Industrial Networking
		No Focus	Surveillance
		No Focus	Machine Vision
		No Focus	Medical Imaging
		No Focus	Medical / Clinical
		No Focus	Other ISM

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Electra IC Segment and Application Focus (continued)

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

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Design Competencies

System Architecture	Secondary 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	Secondary Focus
Inhouse or Subcontracted:	Inhouse
Industrial and Mechanical Design	Secondary Focus
Inhouse or Subcontracted:	Subcontracted
Industry Certification and Compliance Testing	Secondary Focus
Inhouse or Subcontracted:	Inhouse
Quality and Reliability Testing	Secondary Focus
Inhouse or Subcontracted:	Subcontracted
Contract Manufacturing	Secondary Focus
Inhouse or Subcontracted:	Subcontracted
Max Quantities Supported:	10,000+
Digital Signal Processing	No Focus
Experience:	
Embedded Processors	Secondary Focus
Experience:	ARM, STM32
Embedded Porting / BSP Extension	Secondary Focus
OS and RTOS Design Experience:	

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Embedded Application Development	Secondary Focus
Image Sensor Fusion	No Focus
Homo or Heterogeneous:	
Sensor Types Design Experience:	
Computer Vision	No Focus
Machine Learning	No Focus
Framework Experience:	
Network Model Experience:	