Design Services Partner Profile

AMD XILINX

Entropy Electro-Mechanical Solutions Company Overview

Date : 11/03/2020

https://engineeringentropy.co.uk/

Partner Details

Partner Tier:	Select
Headquarters Location:	Silverstone Innovation Centre, Technology Park,Silverstone,,United Kingdom
Xilinx Alliance Partner Since:	10/9/2020

Key Contact Info

Max Taylor-Smith
max.taylorsmith@engineeringentropy.co.uk

Regions Served

APAC, Africa, Central and South America, Eastern Europe and Russia, Japan, Middle East, North America Central, North America East, North America West, Western Europe

Supported Product Types

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

Engineering Service Types

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

Maximum Service Scope: System level design

Engagement Models Supported

Yes	SOW-Based Fixed Bid Projects	Preferred
No	Time and Materials	
At my location	Captive Resources at Partner or Customer Premises	

Xilinx Design Tool Experience

No	Vivado	No	SDSoC
No	HLx	No	SDAccel

Industry Certifications Achieved

Industry Certification Services Offered

Government Clearances

Entropy Electro-Mechanical Solutions Segment and Application Focus

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

No 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
		No Focus	Routers and Switches
		No Focus	Pro Cameras & Camcorders
		No Focus	Other Broadcast

No 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

No 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

No 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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Entropy Electro-Mechanical Solutions 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

No 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

No Focus	**Wireless Comms & Networks**	No Focus	Baseband
		No Focus	Wireless Backhaul
		No Focus	Connectivity & Switching
		No Focus	Radio
		No Focus	Other Wireless

Design Competencies

System Architecture

RF and Analog Design

FPGA Design and Integration

FPGA Timing Closure

FPGA Design Optimization

**Signal Integrity Design
and Analysis**

Inhouse or Subcontracted:
Typical Serial Speed:

PCB Design & Layout

Inhouse or Subcontracted:

Industrial and Mechanical Design	Primary Focus
Inhouse or Subcontracted:	Inhouse

**Industry Certification and
Compliance Testing**

Inhouse or Subcontracted:

Quality and Reliability

Testing

Inhouse or Subcontracted:

Contract Manufacturing

Inhouse or Subcontracted:

Max Quantities Supported:

Digital Signal Processing

Experience:

Embedded Processors

Experience:

Embedded Porting /

BSP Extension

OS and RTOS Design Experience:

Embedded Application

Design Services Partner Profile

Development

Image Sensor Fusion

Homo or Heterogeneous:

Sensor Types Design Experience:

Computer Vision

Machine Learning

Framework Experience:

Network Model Experience: