

Design Services Partner Profile



Logic Fruit Technologies PVT LTD Company Overview

Date : 04/23/2020

<https://www.logic-fruit.com>

Partner Details	Partner Tier: Premier	
	Headquarters Location: 806 A, 8th FLOOR, BPTP PARK CENTRA, SECTOR - 31,Gurgaon. Haryana,,India	
	Xilinx Alliance Partner Since: 12/19/2012	
Key Contact Info	Jaswant Singh jaswant.singh@logic-fruit.com	
Regions Served	APAC, Eastern Europe and Russia, North America Central, North America West, Western Europe	
Supported Product Types	Yes Design Services Yes IP Yes Boards	Yes Embedded Products No EDA Tools
Engineering Service Types	Yes General Purpose Services No Services in Support of Products Sold Yes Services Leading to Contract Manufacturing Maximum Service Scope: Turnkey / full product design	Preferred
Engagement Models Supported	Yes SOW-Based Fixed Bid Projects Yes Time and Materials Both Captive Resources at Partner or Customer Premises	Preferred
Xilinx Design Tool Experience	Yes Vivado Yes HLx	Yes SDSoC Yes SDAccel
Industry Certifications Achieved	ISO 9001	
Industry Certification Services Offered	Other / Contact Partner	
Government Clearances	None	

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Logic Fruit Technologies PVT LTD Segment and Application Focus

Primary Focus	Defense/Aerospace	Secondary Focus Primary Focus Primary Focus Primary Focus Primary Focus Primary Focus Primary Focus No Focus No Focus	Homeland Security Electronic Warfare ISR Space Missiles & Munitions Military Avionics Commercial Avionics SatComm Wireless Milcom Other A&D
Secondary Focus	Audio, Video, Broadcast	No Focus Secondary Focus Secondary Focus No Focus No Focus Secondary Focus Primary Focus Primary Focus No Focus	Encoders & Decoders Monitors & Projection Networking & Converters Audio Systems Video Processing Cards Video Conferencing Routers and Switches Pro Cameras & Camcorders Other Broadcast
Primary Focus	Automotive & Transport	Primary Focus No Focus No Focus No Focus No Focus	Driver Assist - Camera Driver Assist Radar/LIDAR Driver Info/Infotainment Automated Driving Other Automotive
No Focus	Consumer	No Focus No Focus No Focus No Focus	Digital Display Drones Multifunction Printers Other Consumer
No Focus	Datacenter	No Focus No Focus No Focus	Storage Compute Networking
Secondary Focus	Industrial, Medical	Secondary Focus No Focus No Focus No Focus No Focus No Focus No Focus	Motor Control Industrial Networking Surveillance Machine Vision Medical Imaging Medical / Clinical Other ISM

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Logic Fruit Technologies PVT LTD Segment and Application Focus (continued)

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

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Design Competencies

System Architecture	Primary Focus	Real time video processing System C-Phy RFIC validation system Multi-protocol encryptor/decryptor system
RF and Analog Design	Primary Focus	Developing HF modem as part of software defined radio RF stimulus generator for Radar testing
FPGA Design and Integration	Primary Focus	PCIe - Gen4 LTSSM engine 64Gbouds data receiver & PRBS check Multiple video IP development & Integration
FPGA Timing Closure	Primary Focus	64Gbouds data receiver & PRBS checker
FPGA Design Optimization	Secondary Focus	
Signal Integrity Design and Analysis	Secondary Focus	All developed HW has DDR3, high speed serial lane etc
	Inhouse or Subcontracted: Both Typical Serial Speed: 11	
PCB Design & Layout	Primary Focus	
	Inhouse or Subcontracted: Inhouse	
Industrial and Mechanical Design	Primary Focus	
	Inhouse or Subcontracted: Inhouse	
Industry Certification and Compliance Testing	Secondary Focus	
	Inhouse or Subcontracted: Both	
Quality and Reliability Testing	Secondary Focus	
	Inhouse or Subcontracted: Both	
Contract Manufacturing	Secondary Focus	
	Inhouse or Subcontracted: Subcontracted Max Quantities Supported: 100s	
Digital Signal Processing	Primary Focus	
	Experience: TI, AD, Freescale	
Embedded Processors	Primary Focus	
	Experience: ZYNQ, TI, AD	
Embedded Porting / BSP Extension	Primary Focus	

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OS and RTOS Design Experience: Linux, VxWorks

Embedded Application Development Primary Focus

Image Sensor Fusion Primary Focus Zynq Based embedded processing platform for Video Stabilization & Bilateral filter based de-noising, video archival, streaming over USB and Giga-bit Ethernet. Kintex-7 based Real time panorama generation and change detection

Homo or Heterogeneous: Heterogeneous

Sensor Types Design Experience: GPS / Position, Gyro, Other / Contact Partner, Radar, Thermal, Tilt, Video (SD, HD)

Computer Vision

Machine Learning No Focus

Framework Experience:

Network Model Experience:
