

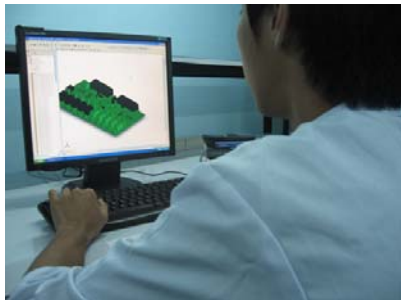
"...We are your cost effective local & offshore product development team..."

Gintuga Technologies is your strategic Engineering *extension* providing you assistance in your product development activities.

Our electrical, mechanical, and software engineers in the US and the Philippines are familiar with the development-for-manufacture life cycle processes and appreciate your challenges.

The team has combined experiences in various technology applications such as telecom products (wired/wireless), electronic consumer products, internet appliances, automotive electronics, switch mode power supplies, RF technologies and have used technology solutions from TI, Freescale, Microchip, ATMEL, Altera and other leading manufacturers of analog and digital devices.

We use these collective experiences and our offshore location to provide you cost effective product development support.



Affiliations:

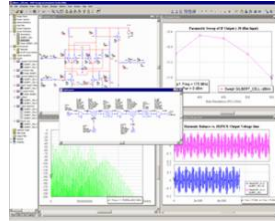
- **Certified**
ATMEL AVR
Consultant,
with



extensive experience using the AVR devices.

Services

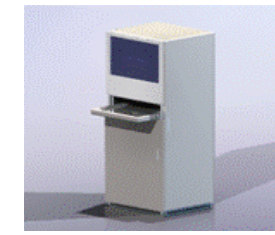
Electronics/Software Engineering



Mechanical/Industrial Engineering



Test/EMC Engineering



Website Development



Gintuga Technologies, LLC

555 Republic Drive, Suite 200
Plano, TX 75074
Website: www.gintuga.com

PH: 214-245-4828
FAX: 214-550-1408
Email: askme@gintuga.com

Visit us @ www.gintuga.com

Gintuga Technologies

Your Development & Value Engineering Support

Company Overview & Service Information

Your R&D For-hire Company

About Us

An R & D for-hire engineering design center based in Texas having off-shore design locations in Philippines and Australia, our vision is to be your integrated strategic development extension-partner providing cost effective service in the following areas:



- Electronic Product Development, Test Development Support, and Value Engineering
- Software Engineering
- Mechanical Product Development
- Website Development

Using a collaborative development-for-manufacture support environment such as internet virtual meeting place, our goal is to maintain or improve your competitive edge, accelerate efforts to make quality reliable products that meet your time of profitability.

Our Core Group

Our key architect and system engineers are located in the US, Australia and Canada. They highly collaborate with our customers in North America to help define product requirements.



To provide cost competitive design resources to our customers, most of the day-to-day design activities are done by our English speaking engineers in our offshore R&D facility in the Philippines .

We use the latest communication technologies to "bridge" our Philippine team, customers and our US based engineers as if they are just working "across the block". Our US and Philippine team is your virtual development team.



Services

Some of the tools we use:

Electronics Engineering

- Synthesis, Simulations, Schematic Capture PCB Layout, Component Engineering, etc.

- Some areas of our experiences: Switchmode Power supplies, RF/circuits & wireless devices, Wireless Base Stations, Internet Video technology , various Analog/Digital Circuits, FPGA (Altera) / CPLD /Microcontroller programming, etc.

- Example of Technology applications: Zigbee, 802.11, RFID, BFSK, Zero IF transceivers, Power amp/Antenna/LNA design, microstrip matching, Fly-back/Forward/Buck/Boost converter topologies, low cost wall adaptors, ATMEL microcontrollers, TI (MSP430), Freescale (JM60), etc.

Mechanical Engineering

- CAD (Mechanical drawing) services using Solidworks 2008 (through our partners), Pro/E, CATIA V5 R16, 3D solid modeling, Enclosure design (plastic, sheet metal), EMI/RFI Shielding Design, Heatsink design.

Industrial Engineering

- Ergonomic Design , Visual illustrations, Interface Design, etc., using Rhinoceros 3D

Test Engineering

- Feature/ Functional testing,
- Test fixture design

Reliability Analysis

- MTBF & Failure rate Calculations, Failure Mode and Effects Analysis, (MILHDBK-217F, Bellcore)

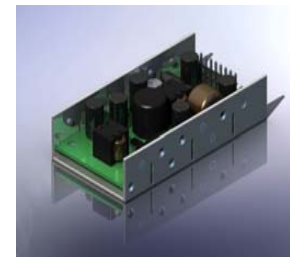
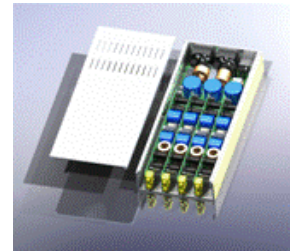
cadence™

Allegro PCB Editor & Design Entry



PADS 2005 (PowerPCB®)

OrCAD
Unison
Ultra Suite



Rhino3D
Flamingo
Penguin

NATIONAL INSTRUMENTS LabVIEW 7.1



Services

Safety/EMC Precompliance

- Design for compliance, test and verification (US, CA & EU standards)

Software Engineering (GT Australia)

- PC/host driver and application software development using .NET, C#, Visual C++, etc.

Firmware Development

- Microcontroller development using TI (MSP430), Freescale (JM60, DZ60), ATMEL (MEGA), Altera (Cyclone II)

Website Development

- Website Design, eCommerce Website Design, Custom Website Design, Search Engine Optimization, W3C Link Checker, W3C HTML Validity, W3C CSS Validity, etc.

Rapid Prototyping using film transfer imaging technology

- Prototyping Applications: Proof of concept, small to medium-sized concept, prototypes and communications models, Functional testing, Form/fit verification, Patterns for injection molding, Quotation models, Patterns for investment casting, Product mockups, Precision builds of extremely detailed parts, Marketing/sales needs, Parts with extremely fine details.

Gintuga Technologies, LLC

US Main Office:

555 Republic Drive, Suite 200
Plano, TX 75074

Website: www.gintuga.com

PH: 214-245-4828

FAX: 214-550-1408

Email: askme@gintuga.com



Gintuga Philippines, Inc.:

Doors A-C SKT Bldg.
3rd Lacson St., Bacolod City
Philippines, 6100

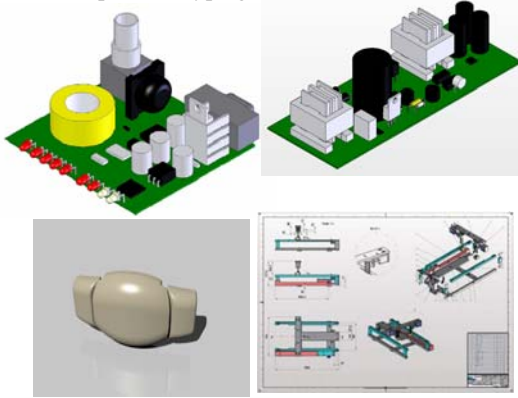
US Direct line: 214-295-8615

Local Ph: (63-34)-433-0915



Services

- CAD (Mechanical drawing) services using Solidworks 2008 (through our partners), Pro/E WF4.0 , CATIA V5 R16, and Industrial design using Rhino
- 3D solid modeling
- Enclosure design (plastic, sheet metal)
- Material Selection
- EMI/RFI Shielding Design,heatsink design.
- Product styling & conceptual drawings
- Shipping carton/packaging designs
- Rapid Prototyping & validation

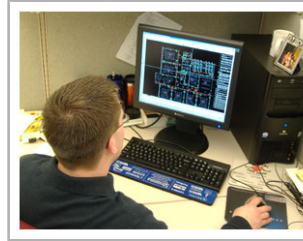


Our Mechanical Team

We offer complete mechanical design capability from conceptual drawings to design, rapid prototyping, validation and fabrication drawings.

Our solution-oriented mechanical design engineers can rapidly create robust solution in every project, with modeling, analysis, and system optimization and integration.

We also offer services in components and tools design for volume production. With this expertise and collaboration with our offshore manufacturing house partners, we offer complete mechanical solutions, whether it is for prototyping or volume production.



Design Tools

SolidWorks 2008
(through our partners)



ProEngineer WF 4.0



Catia V5 R16



Rhinoceros



Gintuga Technologies

Your Development & Value Engineering Support