

PCB Design Services Capability

WiWo Tech Systems Pvt Ltd

Company Profile

- WiWoTech Systems Private Ltd is an Engineering design services company located in Bangalore
- WiWoTech supports Engineering design services in the areas of RF design, Antenna design, IC and SIP Package design, PCB design, RF and Antenna testing, EM CAD tool based simulations that include SI analysis, PI analysis, EMI/EMC analysis
- Servicing industries include Consumer Electronics, Defence, Medical, Avionics, Tele-Communication, Industrial
- Our esteemed clients list include PayPal, Marvell, Ineda, Rangson, Kaynes
- Our vision is to be your first choice partner in RF/Electronic design ,Antenna design, IC Package/SIP design and prototyping services

Servicing Industries



Consumer Electronics



Telecommunication



Defense



Industrial



Medical



Avionics

PCB Design Capability

Single Layer to Up to 32 Layer PCB design

Rigid/Flex Substrate PCB design

PCB design to meet Regulatory requirements

RF, Analog, Digital, Mixed Signal PCB design

Thermal enhanced PCB design

Impedance controlled PCB design

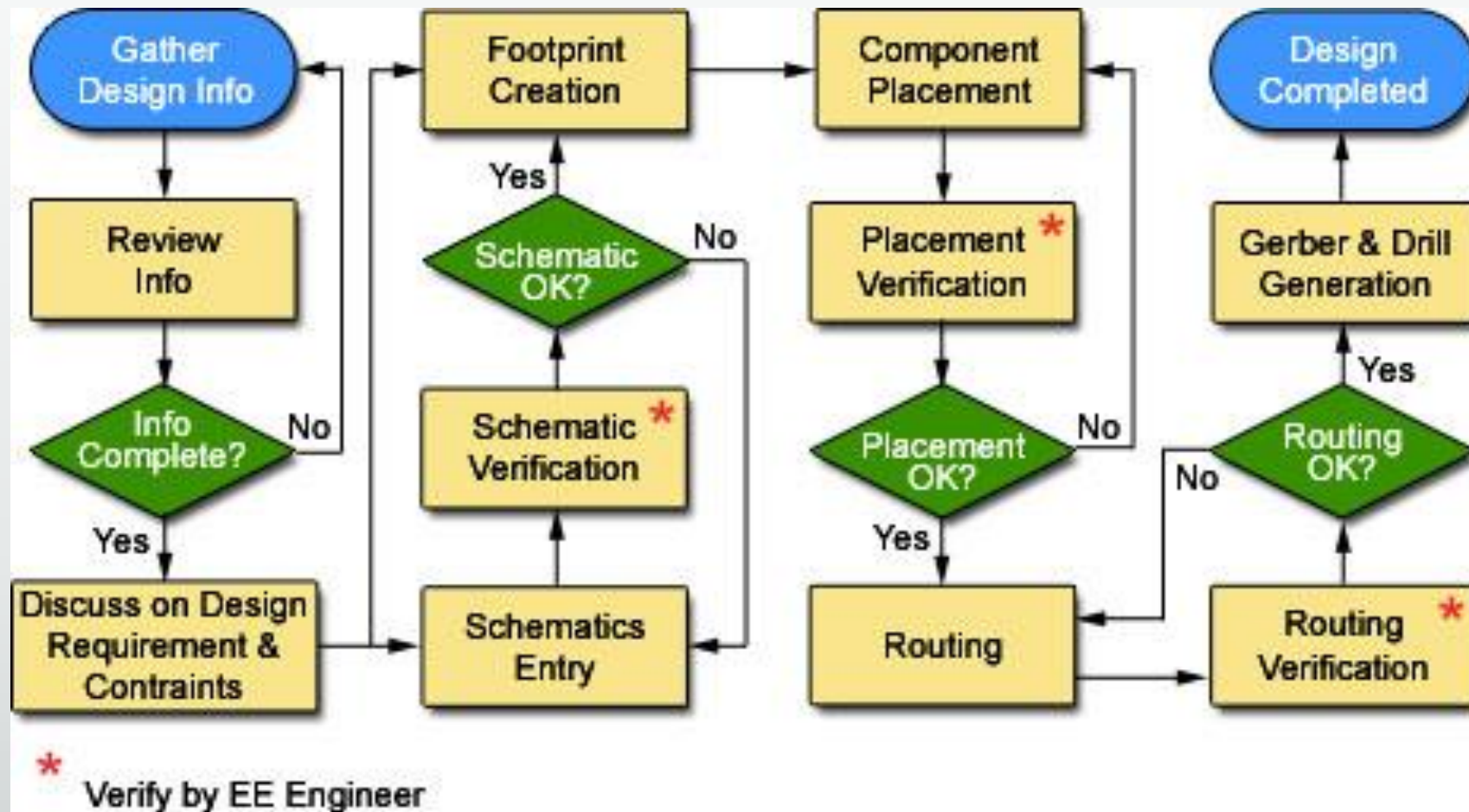
- WiWoTech offers cutting edge PCB solutions to the global market. We specialize in high-speed, mixed signals, multi-layer design including RF PCB designing. We also provide PCB fabrication and Assembly as value added services.
- Meeting today's challenges in PCB design requires balanced knowledge of PCB manufacturing process, assembly & EDA tools. We at WiWoTech specialize in High speed Digital, Analog, RF and mixed signal design including Printed antenna Designs.

PCB Design Capability

- WiWoTech Systems Private Ltd has experienced engineers who have considerable experience in having carrying out PCB design for multiple designs
- WiWoTech is capable of handling PCB designs from single layer up to 32 layers
- WiWo Tech can handle RF, Analog, Digital, Mixed signal PCB designs
- WiWo Tech has the expertise to carry out PCB design on rigid/flex substrates
- Expertise to design PCBs with blind and buried vias
- Expertise to design PCB boards that meets DFM,DFA and DFT
- Expertise to design impedance controlled PCB boards
- Expertise to design thermal enhanced PCB
- Expertise in carrying out PCB design which will meet regulatory requirements



PCB Design Flow



PCB Design Services Offered

Schematic Design

Signal Integrity analysis

Thermal analysis

Parasitic extraction

Signal Integrity analysis

PCB Stack up analysis

Layout Design

Component Library development

EM Simulation of PCB layout

EMI/EMC analysis of PCB Layout

Reverse Engineering

Impedance analysis

Why WiWo Tech

- Competitive market rates
- Experienced engineering team with rich expertise in having carried out many RF/Analog/Digital/Mixed signal PCB designs
- Guaranteed customer satisfaction
- Requirements met on time with high quality
- Interaction with high quality fabricators in India and abroad for fabrication and assembly
- EM CAD Tool based simulations to verify integrity, regulatory requirements
- Expertise in carrying out PCB design with different software design environments
- Complete documentation package of work carried out





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