



AGASTYA

The Silent Revolution in Hardware Design.



The Real Problem in Hardware Design

Late Night Crisis

Engineer, three weeks into PCB design with hundreds of components and thousands of nets.

Critical Failure

One component goes out of stock – entire design fails.

Innovation Delayed

Time wasted. Money wasted. Progress halted.



The Bottleneck on Innovation

\$10K

Design Costs

PCB design ranges from \$3,000 to \$10,000 per project.

32

Layer Complexity

Modern PCBs reach 32 layers with 11,000+ components.

30%

Engineer Shortage

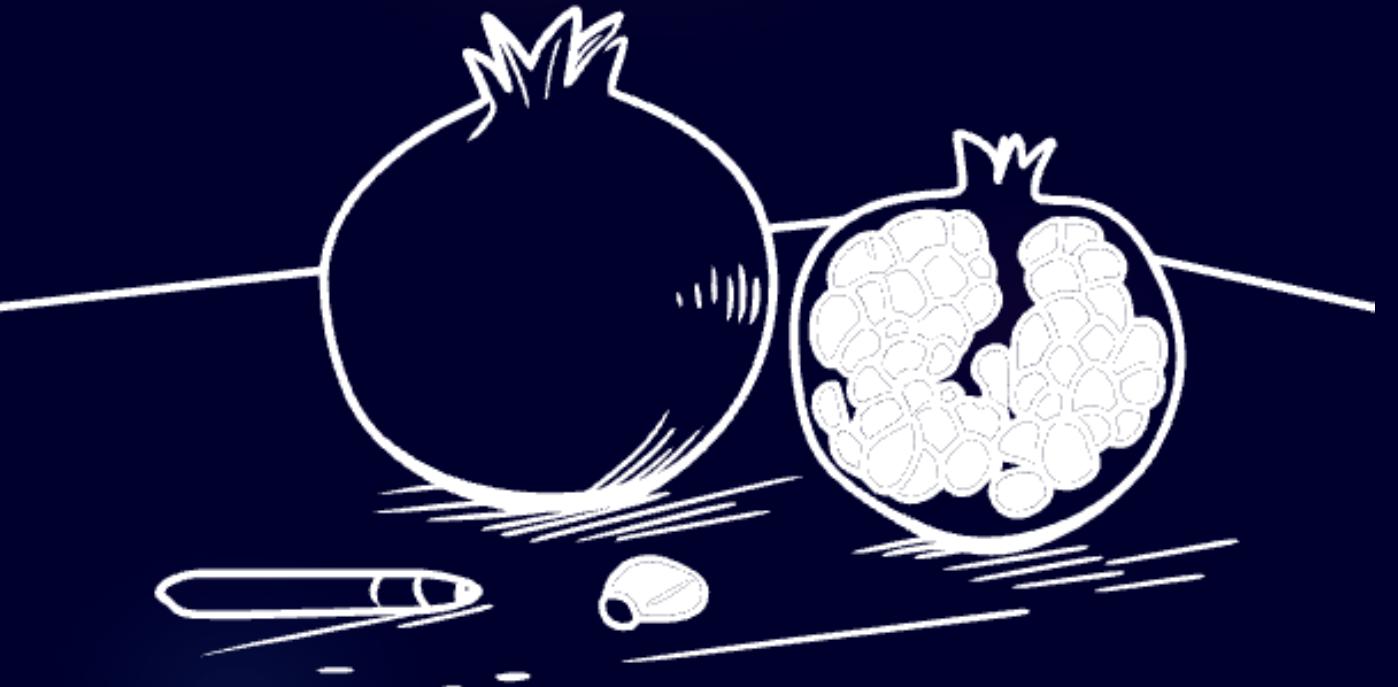
Projected engineering shortage of 15-30% by 2030.

Design cycles take several weeks, creating massive delays in bringing products to market.

The Moment Everything Breaks

One part missing = full redesign

Supply chain shocks kill timelines. A single out-of-stock component forces engineers to restart from scratch.



Introducing AGASTYA

Your AI PCB Co-Engineer



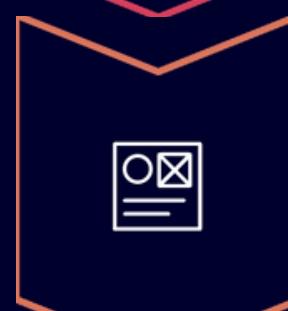
Describe

Natural language board description



Generate

Component selection and schematics



Design

Full PCB layout, semantics and routing in KiCad with DRC



Export

Manufacturing-ready Gerber files



Market, Competitors & Our Edge

Market Opportunity

\$11.6B by 2033 with 17.2% CAGR in PCB design automation.

Competitors

Quilter, Flux.ai, CircuitMind, DeepPCB, CELUS – each solves only part of the workflow.

Our Differentiators

- **End-to-End Automation** – Prompt to Gerber (80% workflow)
- **Maker & Student Focus** – KiCad/TinkerCAD ecosystem
- **Cost Optimization** – 40-60% PCB cost reduction
- **Learning Mode** – ideal for universities



Business Model — Simple & Scalable



Free Tier

2 designs/month for students



Pay-Per-Design

\$10-\$20 per board



Pro Subscription

\$49/month – unlimited designs + advanced routing



Enterprise

\$299-\$999/mo – multi-user, API automation, custom rules

Even 0.1% of market = \$11.6M annual revenue

The Future Builds Here

Every EV, drone, IoT device, and satellite begins with a PCB. If PCB design is slow, innovation is slow.

Agastya turns weeks into minutes – and complexity into clarity.

This is Agastya – the mind that designs the machines of the future.



Why we chose Agastya as the name of this product , the reason for this is rooted into from our ancient , very first electrochemical engineer - Maha Rishi Agastya

Thankyou

We are team Agastya and This is Agastya.

