

PDK101.COM is helping small and medium IC design companies with new collaborate IP business model



resource at much affordable price. Dr. Wen-Hwa Martin Chu, founder of PDK101.COM explained the collaborate mechanism and operational modes.

Core PDK101.COM business concepts:

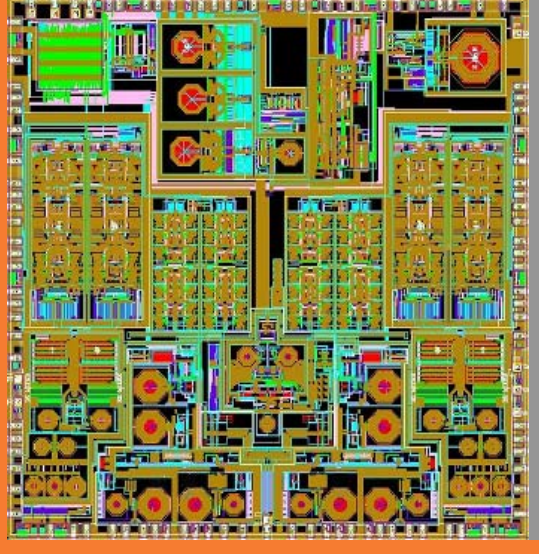
PDK101.COM was created under several basic principles to help and facilities SMB sharing IP and design resources.

- (1) Incorporating all known Best Practices into IC design and verification flow
- (2) Leaned and incorporated previous valuable lessons from success and failure chip designs.
- (3) Drive a consistent and robust First Pass Success Design (FPSD) flow and methodologies.

A unique business model and platform for Intellectual property development and collaboration has finally arrived.

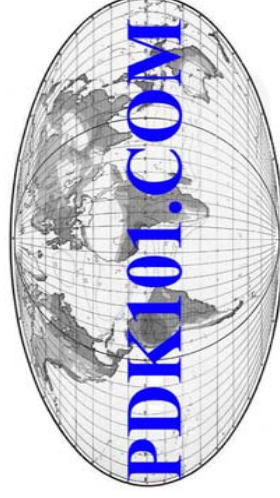
Successful circuit designs require a lot of expertise, resource, and experience. For a small or medium IC design companies may those precious and scarce resources may not be available for them. Up to now, it is always up to companies themselves to overcome those hurdles in order to enter into certain market segments.

PDK101.COM, an Austin, Texas based company has provided an innovative and efficient mechanism for small and medium companies to gain, build and share precious



Dr. Martin, (Wen-Hwa) Chu' Bio

- 16+ years of semiconductor industry experience with 11 year in managing IDM Process Design Kit (PDK) development; 2 years of real IC design experience, 3+ years of silicon processing, and SPICE modeling
- Solid work experience on both IDM (Texas Instruments) and Foundry PDK (TSMC, UMC, Charter, and MagnaChip).
- More than 11 years of hand-on experience in development of physical verification decks (DRC,LVS,PEX,ERC etc) using three different physical verification software tools (Assura, Calibre, and Chameleon).
- Have wide silicon processing, device physics, SPICE modeling and extensive EDA/PDK knowledge.
- Hold four US patents and more than 20 papers and publication.



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IPfarm is the optimal way for you to create, share and profit from Circuit Design IP!

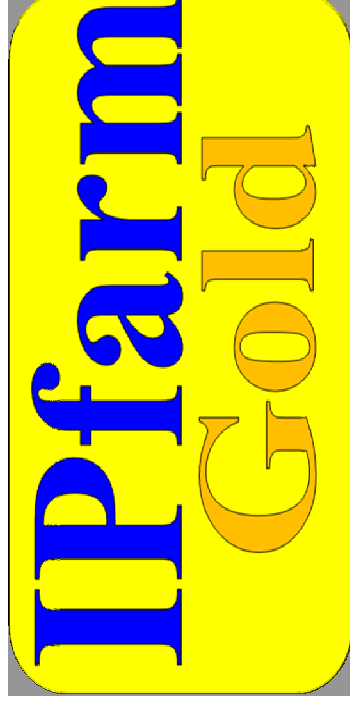
- (4) Helping our clients to achieve their fast design and mass production schedule.
- (5) Use IPfarm© flow to facilitate IP creation, marketing, pollination and commercialization.
- (6) Reducing and share our development experience to small and medium design house to reduce EDA/PDK R&D cost

PDK101.COM Services

- * Design Flow and Methodology Creation and/or Review
- * Independent Design Analysis and Review
- * Custom circuit block or IP design and version control
- * Specialized PDK elements Development
- * Deck Audit and Optimization
- * Design Automation implementation
- * Custom Training and Education.

Time to market and volume product are critical to current design house. We can help small and medium size fabless design houses to double check their design and provide independent and unbiased analysis report.

PDK101.COM has instituted a new Circuit Intellectual Property (IP) creation and sharing business model



- ***Gold Member***

not only to contribute majority IP and knowledge content but also contribute to PDK101.COM growth and prosperity.

- ***Premium Member.***

This group of interested parties will be paying membership fee to access all open IP database inside PDK101.com. Premier members have all general contributors' right and privilege and submit and verify incoming IP database.

- ***General Contributor***

This group of interested parties will be able to contribute their design specification, design concept, knowledge, test vectors, test benches and validation data into PDK101.COM.

All interested parties, please review and follow all Guidelines in the Handbook

[***IPfarm User Handbook***](#)

***At PDK101, We create, grow,
and retain Design Knowledge
with our customer.***

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