

Iontra Accelerates Development of Next-gen Battery Charging Technology by 2x with full RTL-to-GDSII flow on Synopsys Cloud SaaS

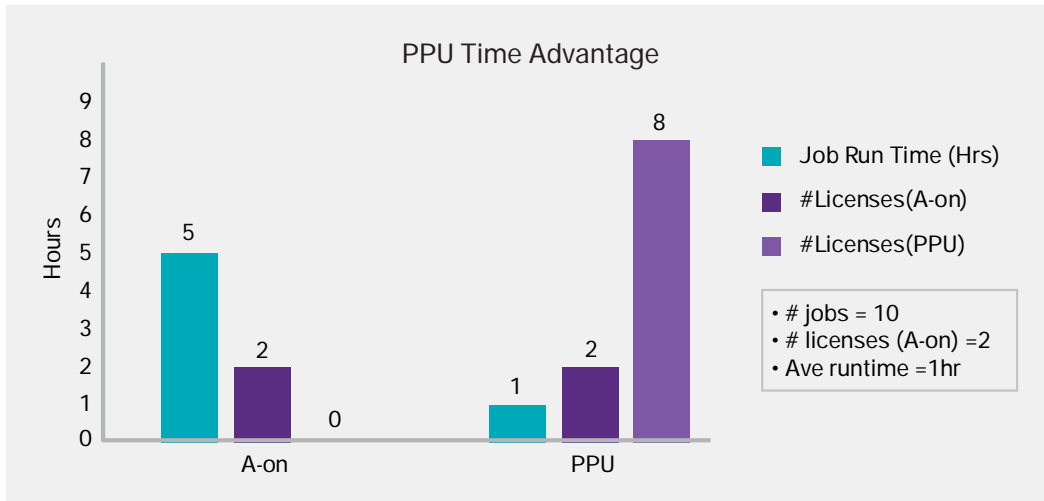


“ Iontra’s vision is to accelerate the transition to sustainable energy and ease the world’s climate crisis. Iontra is on a mission to become the default charging solution for all batteries to realize this vision. To achieve this, Iontra is working on a technology and solution to harness full potential of Lithium-ion batteries and other chemistries with a novel charging technology that simultaneously improves battery performance, cycle life and safety. Iontra’s next-gen battery charging controller enables our customers to provide these solutions at a differentiated cost. We are using industry-leading EDA tools and silicon-proven IP from Synopsys to accelerate our development. ”

–Dr. Manoj Kaul, Chief Technology officer, Iontra Inc.

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by more than 2X with improved safety. This means that existing batteries can be utilized far more efficiently or charged faster for battery performance and usability of end applications and products. Please learn more about us at www.iontra.com and follow us on LinkedIn.



“ We are creating a novel charge controller IC aimed to revolutionize the performance of Lithium-ion batteries and other chemistries by improving their charge speed and cycle life by more than 2X. To design this charge controller IC platform (MCU) for various applications, we needed a complete and robust chip design platform to support an iterative and flexible design process to meet high performance objectives with stringent quality metrics. With Synopsys Cloud, we are able to access a complete chip design environment offering industry-leading