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SnapMagic and Harwin partner to help engineers design faster

Engineers can streamline their design process with over 3,500 free, ready-to-use connector schematics and PCB footprints

REDWOOD CITY, CA, November 7th, 2024 -- [SnapMagic](#), a Silicon Valley startup creating the AI copilot for electronics design, and Harwin, an industry leader in high-reliability connectors, have partnered to release over 3500 new computer-aided design (CAD) models that will help engineers design electronics faster.

Engineers can spend weeks creating CAD models for their printed circuit board (PCB) designs in what is often a laborious and complex process. Even a single error can cause thousands of dollars in wasted prototypes, as well as weeks in delays.

To help streamline this process, SnapMagic and Harwin have released over 3500 verified electronic (E-CAD) models for Harwin's high-reliability interconnect solutions, allowing engineers to jump straight from product selection to design.

The E-CAD models, which include schematic symbols and PCB footprints, follow industry standards as well as SnapMagic's internal standards. All component libraries are manufacturer-approved and have undergone a rigorous quality assurance process enabled by SnapMagic's automated verification technology. Engineers can download the new models instantly by visiting the SnapMagic Search website and searching for their desired product. The models are also available for download on the Harwin website via the SnapMagic CAD Viewer.

Harwin offers a broad portfolio of robust, high-performance board-to-board and board-to-cable connectors and associated components and accessories for high-reliability environments. The company's technologies are deployed in demanding applications ranging from submarines to satellites, industrial automation to uncrewed vehicles, and medical equipment to automotive electronics.

"Harwin aims to support engineers with best-in-class tools and services that simplify and speed the selection and deployment of our advanced interconnect technologies," says Peter Schneid, Harwin's VP of Marketing. "The partnership with SnapMagic and the integration of the E-CAD



tools on our website plays a key role in supporting that goal by providing reliable and integrated data that makes application design and development significantly easier.”

“Both Harwin and SnapMagic believe that engineers shape the future. By supporting and enabling engineers, our new partnership speeds up the design of new products that improve our world faster than ever,” said Natasha Baker, the CEO and Founder of SnapMagic.

In addition to the SnapMagic and Harwin websites, the libraries are available to download through the SnapMagic Syndication Network partners, which includes DigiKey, Mouser, RS Components, DesignSpark, and over 30 more partners.

The CAD models are available in over 15 PCB design formats including Altium, OrCAD and Allegro, KiCad, Autodesk Fusion 360 and EAGLE, Proteus, and more.

About SnapMagic

SnapMagic helps engineers design electronics faster. Trusted by over 1.8 million engineers, its revolutionary search engine SnapMagic Search (formerly SnapEDA) saves engineers days of time. SnapMagic is now evolving with fresh AI-driven funding. Enter Copilot: our cutting-edge AI assistant that harnesses our vast library of CAD models to automate your design process.

Discover more at www.snapmagic.com

About Harwin

Harwin is a manufacturer of High Reliability Interconnects suitable for harsh environments and are able to withstand extreme vibration, shock and temperature. Datamate, Gecko and M300 product lines have a proven history in Military, Aerospace and other safety critical markets. Other board level solutions include EMC Shielding products which increase reliability, flexibility and cost savings through the process of automated placement. Industry standard connectors and PCB hardware are also available from Harwin for commercial applications.