

Fast SD Card Readers now with High Speed Functionality

Munich, September 2015 – Yamaichi Electronics has extended their core competences to include a new series UHSII SD card reader. UHS-II is the version 2 of the Ultra High Speed (UHS) bus classification for the SD Flash memory cards. Since the introduction of SD (Secure Digital) cards in 1999, Yamaichi Electronics has gained a reputation as one of the leading providers of SD card readers.

In the meantime, this segment has become a large product family that serves different markets including consumer, automotive, and industrial with a wide range of products.

Now Yamaichi also offers the FPS017T series which not only extends both the SD card reader family but also represents a practical extension to the High Speed product line, for which Yamaichi offers a variety of internal and I/O connectors.

The FPS017T series was developed for generation 4.0 SD cards and therefore meets UHS-II requirements. That means that instead of the usual nine contacts, this reader now has 17 contacts to support transmission rates of up to 312 Mbit per second.

Yamaichi offers this new generation of card readers in top and reverse mount versions (FPS017T-1000-x or FPS017T-2000-x). A closed metal housing with four tabs for connection to the circuit board ensures good EMC shielding. The FPS017T series offers a convenient push/push mechanism, that is, the card engages when pressed once. When it is pressed again, the

mechanism releases it and the card can safely be removed. A card brake provides the definitive ejection of the card.

A card presence switch ensures that the read/write process only starts or stops when the card is completely inserted or removed. This guarantees data transmission and prevents data loss.

Depending on customer requirements and the application, contacts are available in different gold plating variants – from Gold flash to 30µinch.

The card readers are delivered in trays or tape-and-reel packaging as needed, offering the greatest possible flexibility in assembly.

With this new series, Yamaichi has once again extended two of its core competences in the area of card readers and high speed with an interesting, high-quality product.

Yamaichi Electronics offers not only these components, but also many other card connectors for all available Flash and SIM card types with different form factors, such as Micro-SIM, microSD, MMCmicro, CompactFlash, multi-card versions, etc. An extensive line of high-speed products includes various board-to-cable connectors, high-speed FPC, floating board-to-board connectors and I/O interfaces for high transmission rates at 100Ohm differential impedance.

For any product queries, please contact:

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About Yamaichi Electronics

Yamaichi Electronics is a market leader for Test & Burn-In sockets, connectors and connection systems. Their reliability and functional dependability are absolutely essential for the success of the overall project. Yamaichi Electronics established themselves on the world market very quickly as a manufacturer of high-quality, reliable components for demanding applications in various markets and applications: semiconductor, industrial automation, automotive, data networking, measurement & testing, medical, mobile computing, consumer, and many more.

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