

DATA MODUL presents special format touch sensors for wearables, handheld and gaming applications

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The requirements for displays are growing constantly, and along with them also the need for special formats and increasingly individual product designs. To meet these market demands, DATA MODUL now offers not only touch displays with standard rectangular touch sensors, but also round and square touch sensors, which can also be used to efficiently operate small diagonals.

“By expanding our touch sensor portfolio to include touch sensors in these special formats, we are able to offer modern touch solutions also for markets where small display sizes and product designs in special formats are required as standard. We now also offer touch sensors which can be integrated into wearables, handheld devices or various gaming applications, for example as an alternative to mechanical button-based operation, and we can also optically bond these to a customised cover glass and display,” explains Diana Nanu, Product Manager at DATA MODUL.

For wearables with PCAP technology, ensuring a stable grounding design is a particular challenge. Display expert DATA MODUL has many years of experience in the field of PCAP, tuning and the implementation of customer-specific touch designs, taking into account all necessary mechanical and product design requirements. With the in-house tuning tool easyANALYZER, it is also possible to individually adjust and fine-tune the settings and parameters of a touch display, regardless of whether a touch controller from MICROCHIP or ILITEK is used.

[You can find further information on customized touch solutions here.](#)

About DATA MODUL

DATA MODUL AG is one of the world's leading specialist providers of display, touch, embedded, monitor and panel PC solutions. Since it was established in 1972, it has consistently pursued the objective of providing its customers with state-of-the-art, tailor-made and individually customised complete solutions for display technologies.

Many years of experience in the field of display, touch, embedded and system technologies enable the company to produce customer-specific value-added services for a variety of industries at its 45,000 m² production and logistics facilities. The extensive distribution portfolio of displays, touchscreens and embedded solutions and the increasingly innovative in-house developments complete the unique modular product portfolio.

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