



ADKOMunity I – January 2019

2018: Only since a few days successfully completed and over but mentally already history. First of all, today we would like to thank all readers of the ADKOMunity for the successful cooperation in 2018.

The first days in January are the time to look ahead and to make plans for 2019. For the financial year coming, we would like to wish you and us good luck. We look forward to great and technically challenging projects. So let's seize it!



ISO-Certificate for 2019 online

On the ADKOM website we indicate to our DIN EN ISO 9000:2015 Certification. Thereby we want to link up our success with the satisfaction of our customers.

For many of our customers this quality criteria is part of the vendor assessment and holds a high priority for both sides alike.

The new certificate has been issued and is already available for [download](#) on our website.

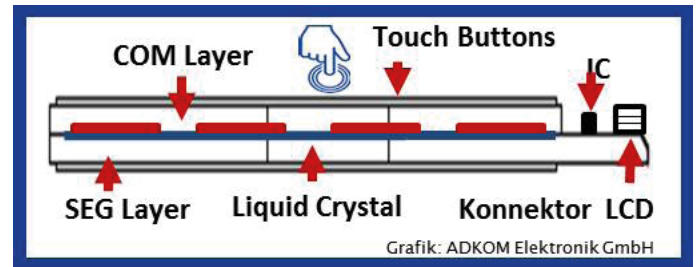
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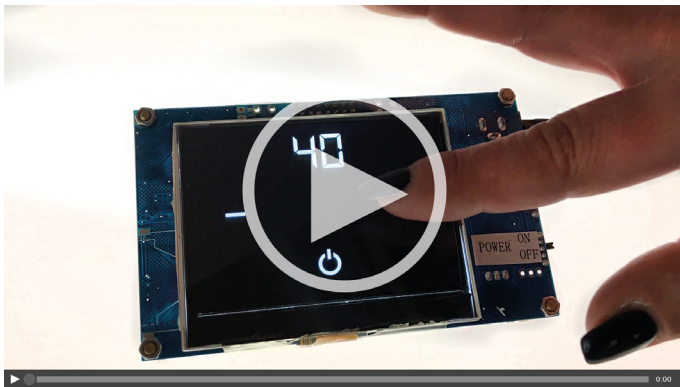
LC-Displays with integrated interaction surface

In our last ADKOMunity, we reported on the structure and function of the In-Cell Touch Technology. The In-Cell Touch process links a Liquid Crystall Display with a capacitive touch to interact with each other. It opens new possibilities in provides new means of transferring data on LCDs directly and above all, without detours via buttons or other input options.

The connection and merging of the LCD and the touch controlling works via specially therefore developed



driver ICs, which combine both functional parts on one die. According to the specification the driver IC can drive up to 4 x 40 segments, in addition capacitive touch surfaces can be evaluated on the display. This is sufficient for up to 20 7-segments, respectively up to 10 14-segments, or up to 160 symbols. It communicates with the micro processors via either a serial bi-directional I²C bus or via SPI interface, just to name a few factors.



To give you an idea how it looks like in reality, just see our short video sequence.

If you have any questions about the In-Cell touch technology, please, [contact us](#).

We are looking forward to support you.

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