

G156HAB01.V0

15.6" FullHD TFT

with On-Cell PCAP-Touch (AUO)



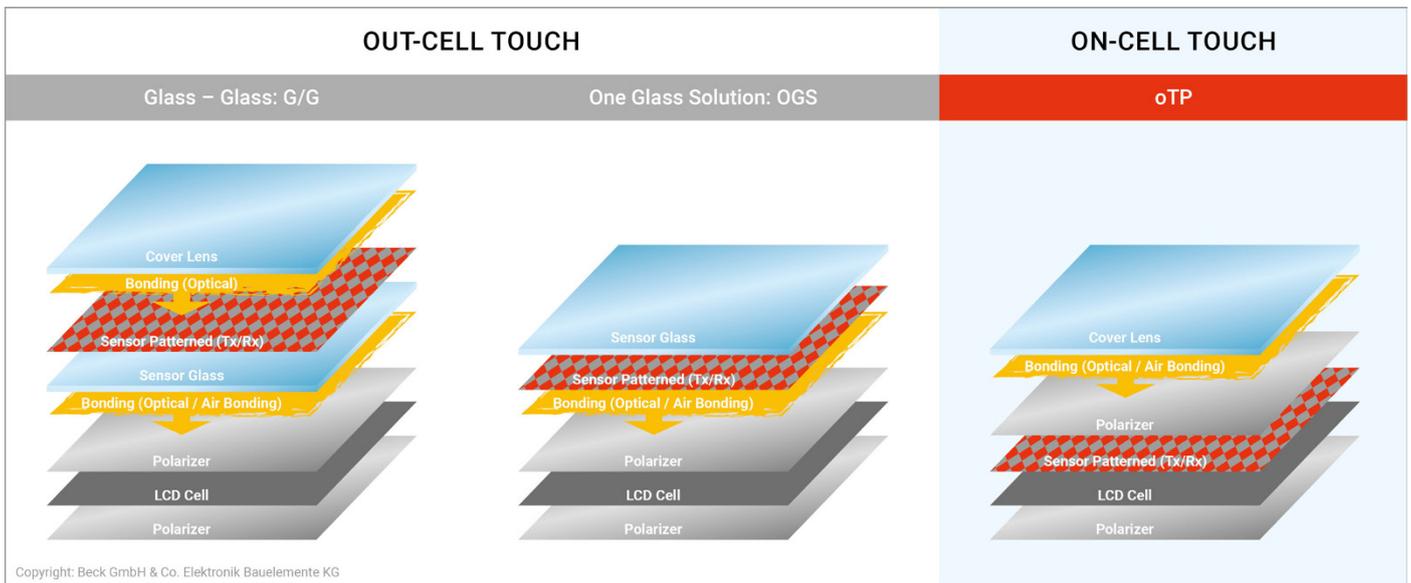
The [G156HAB01.V0](#) is a new technology highlight of the leading Taiwanese display manufacturer AU Optronics Cooperation (AUO). The special feature of this product is the integration of the »projected capacitive touch panel« (PCAP) on the display cell below the polarizer – this new structure is called On-Cell Touch.

In contrast to the typical application of a PCAP touch, where the touch must be glued to the display or behind the front cover glass, there are numerous advantages for your project.

This compact design and the standardized size allows an easy integration into your product concept. The [G156HAB01.V0](#) has been designed by AUO with a black printed front cover glass and rounded corners.

From a quality point of view, the integration of the touch on the display cell speaks for itself: the application of the touch is an additional, sensitive work step that is no longer necessary. This reduces the potential for errors and you as the customer can shorten your development time and time-to-market. An additional advantage is that the entire product comes from AUO.

The reduced production effort due to the integration of the touch into the AUO display leads to a powerful combination of both components. The result is a strong price efficiency of the product, stronger than the individual components.



Technical Facts Display

Product Name	G156HAB01.V0
Size	15.6"
Technology	AHVA, normally black
Resolution (H*V)	1920 x 1080
Brightness	300 cd/m ²
Viewing angle (3/6/9/12 o'clock)	85/85/85/85
Interface	eDP1.2
Power supply (Vcc)	3.3 V
Temperature	0 up to 50 C°
Outline (H*V*D)	350.66 x 216.15 x 3.40 mm

Technical Facts Touch

Cover Glass	1.1 Soda-Lime
Outline (H*V*D)	346.36 x 195.79 x 1.10 mm
Touch Controller	EETI 3200
Interface	USB
Multi Touch	10 points
OS support	Win 7, Win 8, Win 10