

# HotSpot Episode 28: Google Glass Surgery

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This week on WDD's HotSpot, brought to you by Components Corporation, Samsung's 3D Vertical-NAND flash memory is fabricated using an innovative vertical interconnect process technology; a surgeon uses live, point-of-view video via Google Glass; a man wants to replace the knife with a scanner in autopsies; and the importance of successful vibration testing.

Today's episode features:

- Samsung's [3D Vertical-NAND flash memory](#) [1] is fabricated using an innovative vertical interconnect process technology to link the 24-layer 3D cell array based on [Samsung's](#) [2] 3D Charge Trap Flash (CTF) structure, representing a breakthrough in overcoming the density limit currently facing the planar NAND architecture and floating gates used in conventional flash memory.
- A surgeon at [The Ohio State University Wexner Medical Center](#) [3] is the first in the United States to consult with a distant colleague using live, point-of-view video from the operating room via Google Glass.
- A Malaysian entrepreneur wants to replace the centuries-old traditional knife-bound autopsy with a scanner and a touchscreen computer.
- [Cascade Tek](#) [4] knows how essential vibration testing is to determine how a product will operate in its intended environment, so they have created an infograph to explain the three most important steps for a successful vibration test; defining, fixturing, and monitoring — and choosing the best lab to perform it.

If you think this is easy, check out the [bloopers reel](#) [5].

This episode is brought to you by Components Corporation, the global leader in the design, manufacture and engineering of precision printed circuit test points, interconnect and testing devices, printed circuit card edge connectors, preformed jumpers, hardware, and battery contacts. For more information, visit [www.componentscorp.com](http://www.componentscorp.com) [6].

Do you have story ideas? Comment below or email [wdd\\_web@advantagemedia.com](mailto:wdd_web@advantagemedia.com) we'll cover them in an upcoming episode.

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[glass-surgery](#)

### Links:

- [1] <http://link.brightcove.com/services/player/bcpid1384121596001?bckey=AQ~~,AAABKPKaCgk~,gYL2wr7gn2NWc1ESOk6dCRni0vZrKv6n&bclid=2587821144001&bctid=2589960822001>
- [2] <http://www.samsung.com/global/business/semiconductor/html/product/flash-solution/vnand/overview.html>
- [3] <http://medicalcenter.osu.edu/Pages/index.aspx>
- [4] <http://www.cascadetek.com/blog/2013/08/3-steps-successful-vibration-test>
- [5] <http://www.youtube.com/watch?v=kli6HcpLail>
- [6] <http://www.componentscorp.com/>