

NVIDIA to Acquire Mellanox for \$6.9 Billion

Tech shares also got a boost after Nvidia announced it is buying Mellanox Technologies for \$6.8 billion. Nvidia rose more than 6.97 percent while Mellanox surged 7.78 percent.

The acquisition will unite two of the world's leading companies in high performance computing (HPC). Together, NVIDIA's computing platform and Mellanox's interconnects power over 250 of the world's TOP500 supercomputers and have as customers every major cloud service provider and computer maker.

The data and compute intensity of modern workloads in AI, scientific computing and data analytics is growing exponentially and has put enormous performance demands on hyperscale and enterprise datacenters. While computing demand is surging, CPU performance advances are slowing as Moore's law has ended. This has led to the adoption of accelerated computing with NVIDIA GPUs and Mellanox's intelligent networking solutions.



Quantenna acquired by ON Semiconductor for \$1B

ON Semi agreed to buy San Jose based WiFi chip supplier Quantenna Communications for US\$1.07 billion in cash to expand its connectivity chip portfolio especially in the industrial and automotive markets. Quantenna Communications describes itself as a global leader and innovator of leading-edge performance Wi-Fi solutions that offer superior performance, and establish benchmarks for speed, range, efficiency and reliability.

CONNECTION bridges industries

Issue.3

DRAM Market to Shrink Substantially in 2019, IHS Markit Reveals

IHS Markit reports that the global DRAM market will fall 22% this year to just \$77bn, and the weak demand will continue into Q3'19. In the longer term demand for server DRAM's from major server companies will continue to grow to 2023. Samsung remains #1 DRAM seller with 39.9% market share

SMIC to sell stake in Lfoundry

SMIC to sell all its stakes 70% in L foundries to Jiangsu CAS-IGBT.

Jiangsu CAS-IGBT focuses on the research, design and development of new power and electronic chips such as insulated gate bipolar transistors (IGBT) and fast recovery diodes (FRD).

The agreement reached between LFoundry and SMIC is the first step towards the formal acquisition, whose finalization is scheduled for the end of June 2019.



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Join us for a guided tour at the SMART Manufacturing Pavilion and experience the transformation from wafer processing to electronics packaging. The factories of the future will have fully connected and integrated production processes – impacting all the planning, production, and logistics in and around the factory. Walk through the tunnel of processing and meet subject matter experts throughout the show at the "What It Takes to Transform Smart Manufacturing & Smart Data" Technology Innovation Forum.

Smart manufacturing and smart data will be at the centre of discussion at the Technology Innovation Forum at SEMICON Southeast Asia 2019. [View the agenda](#) and start planning your schedule now.

[Don't miss this opportunity](#) to engage with leaders from across the electronics manufacturing supply chain and discuss how smart manufacturing is revolutionising the electronics manufacturing environment.

