

# JIM KELLER

Microprocessor Engineer  
Senior Vice President and  
General Manager of the  
Silicon Engineering Group



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General Manager of the  
Silicon Engineering Group.

2018



2016

TESLA

Vice President of Autopilot  
Hardware Engineering,  
Model 3 Factory.

2012



Designed Zen microarchitecture. These new  
generation of processors helped AMD restore  
its position in the high-end x86-64 processor  
market.

2008



Designed the Apple A4 and A5 system-on-a-chip  
mobile processors, used in several Apple products,  
including iPhone 4, 4S, iPad and iPad 2.

2004



PA SEMI™

Vice President of Engineering.  
Worked on low-power mobile processors.

2000



SiByte was acquired by Broadcom.  
Appointed as Chief architect.

1999

SIBYTE™

Designed MIPS-based processors  
for 1 Gbit/s network interfaces  
and other devices.

1998



Launched the AMD Athlon (K7) processor and was the lead architect of the AMD K8 microarchitecture, which also included designing the x86-64 instruction set and HyperTransport interconnect mainly used for multiprocessor communications.

PRIOR  
1998

digital

Designed the Alpha 21164  
and 21264 processors.  
FASTEST IN THE WORLD!