

Programmable OmniClock Generators for Image Sensor Applications

AVNET[®] SILICA

**OmniClock FAMILY OF DEVICES SUPPORT SPREAD SPECTRUM MODULATION
DEMO: TIMING SOLUTION FOR USB VIDEO CAMERA**

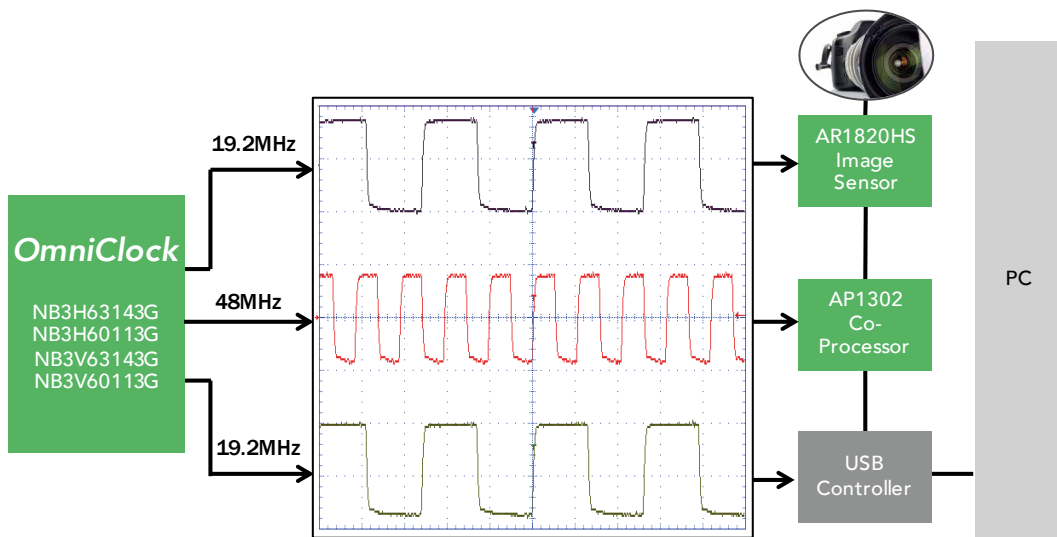
Automotive

Wireless

Medical

Industrial

Media



KEY ADVANTAGES

- Extremely Flexible
 - Optimize frequency, output levels, power supplies and EMI interface on the fly via configuration pins
- Single Device Solution
 - Minimize cost of system by reducing board space and discrete component count
- Improves Reliability
 - Over solutions using discrete Crystals exclusively (FIT rate = 6.89 vs 3x ~10 = ~30)
- Reduces Peak EMI
 - Distributes signal power for applications where EMI needs to be reduced

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