

## **Gary L. Sanders, BSEE**

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### **Analog Contract Design and Consulting**

#### **Objective:**

To utilize my comprehensive analog engineering and product development expertise in the development of new components or products, including Applications Engineering. Areas of analog product expertise include video/multimedia processing, data acquisition and generation, complex analog and digital filter design, RF communications, and Digital/Analog Video and Audio Standards. I also am certified in Signal Integrity design and layout.

#### **Professional Profile:**

- Analog Video / Audio / RF Communications Engineer 30+ years
- Active and Passive Filter design for Video and RF Communications
- Low noise and distortion data acquisition and reconstruction
- Phase-locked loop design and Gen-locking
- Signal Integrity (SI)
- INVENTOR: Green Tap [www.greentap.info](http://www.greentap.info)

#### **Hardware/Software Skills:**

- Windows and UNIX
- Microsoft Office
- OrCad schematic capture
- Eagleware Genesys and MicroCap analog simulation
- T-Tech PCB Milling Machine layout and operation
- Agilent and Rohde-Schwarz Spectrum analyzers
- Agilent Network analyzers and Gain/Phase Analyzers
- Tracking down noise and distortions in analog systems.
- Filter design with amplitude/delay equalization.
- Signal Integrity design to reduce Crosstalk and EMI.
- Sonnet Electro-Magnetic Simulation Software

#### **Professional Societies:**

- Society of Motion Picture and Television Engineers (SMPTE)
- Audio Engineering Society (AES)
- Eta Kappa Nu (EE honorary fraternity)

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