



Electrical Engineer

N2 Imaging Systems is an industry leader in the design and manufacture of compact, low power advanced infrared and visible imaging components and systems. We have a long history of product delivery for use by the soldier for vision enhancement, surveillance, detection and targeting during day, night and low visibility conditions.

Job description:

N2 is currently seeking a highly motivated, experienced Electrical Engineer (EE) to join our interdisciplinary team of engineers working in a hands-on, collaborative environment. The EE will have the responsibility of driving successful design, implementation and testing of a wide-range of analog and digital circuitry. The Electrical Engineer will generate leading edge designs for low SWAP-C (Size, Weight and Power - Cost) components and products. The EE will work with the N2 engineering and operations team to bring those designs from PDR through qualification and into high volume production.

Required skills:

- Circuit design and analysis (Simulation, reliability over temperature, etc.).
- Experience with CMOS, Infrared and/or Low Light imaging sensors and any subsequent hardware design.
- HDL digital circuit design experience would be a plus.
- Video processing including image enhancement, compression and display control and driving using Xilinx or PolarFire SoCs.
- Analog and mixed-signal circuitry including ADCs, DACs and environment sensing ICs.
- Power supply design, using switch-mode and linear regulation ICs, for low power, high-efficiency battery powered systems.
- Experience in PCB layout of very high density PCBs with micro vias and blind and buried vias using Altium Designer is required.
- Test support, including writing test procedures and designing test fixtures. System level test support may also be necessary.
- Experience working as part of an Engineering IPT team designing US DOD qualified products.

Experience and Education:

- B.S. Electrical Engineering.
- M.S. desired.
- 10+ years of experience with focus on design of electronic systems.

Citizenship requirements:

Applicants must be a U.S. Citizen or Permanent Resident.

N2 Imaging Systems offers a competitive salary and comprehensive benefits package (medical, dental, vision, 401k, PTO, etc.). N2 Imaging Systems is an equal opportunity employer committed to a diverse workforce.

Contact information:

Qualified applicants may forward a detailed resume with complete experience history to:

Email: jobs@n2imaging.com

FAX: 714-573-8815