

Senior Process Development Engineer – Optical Test & Measurement

About the role

We are seeking a senior process development engineer to design and develop a Test & Measurement system for the optical test of Finisar's WSS (Wavelength Selective Switch) products.

Key responsibilities

- Design a flexible and reliable optical test & measurement system for the Optical Test of Finisar WSS products
- Implement developed processes and automate such processes in mass production environment
- Specify and perform validation testing of new Test and Measurement system and testing methods used for the optical test of Finisar WSS
- Analyse accuracy and repeatability of Optical Test & Measurement system
- Routine calibration monitoring to ensure the accuracy of the system as well as maintain and troubleshoot the test equipment
- Identify, develop and monitor process metrics to monitor yield and failure modes of WSS products in the pilot production line
- Contribute to the team responsible for transferring the WSS POU level optical test to Finisar's Chinese manufacturing plants once developed

Essential education and experience

- Degree in engineering or physics. Deep understanding of Optical Test & Measurement systems is a must
- More than 5 years' experience in optical field. Exposure in a high technology manufacturing environment is a bonus
- Strong technical ability and fluent communication skills
- Ability to adapt to a fast pace and results driven working environment

Desirable

- Experience in the design of optical test system to characterise opto-electronic devices
- Experience with SPC or data analysis tools
- Willingness to learn, take ownership and grow in a fast-paced engineering setting