

Filter Design Engineer

REPORTING TO: RF Team Lead
LOCATION: Shipley, West Yorkshire

Teledyne Defence & Space are looking for a key individual to join their existing Engineering team as a Filter Design Engineer. In this role you will provide filter design expertise, applying in depth technical knowledge and innovative solutions to deliver the objectives of our Technology and Product Roadmaps.

Main responsibilities for this role are:

- Undertake technical definition & detailed planning of specific product development projects in conjunction with the Project team throughout the project lifecycle
- Ensure that the product requirement is completely captured, and planned as a series of engineering tasks
- Perform detailed design to component and module level
- Be responsible for the achievement of the requirements, including cost objectives, of each product development project as detailed within the Customer Order documents
- Maintain visibility of the design approach and ensure through review that the implemented design will meet the product requirement
- To facilitate and encourage appropriate technical discussion and broad communication of new ideas
- Work with Sales & Marketing to support customer visits and provide product expertise

The successful candidate will be able to satisfy the following requirements:

- Be an accomplished Filter Design Engineer with experience in all aspects of complex RF microwave filter design from customer requirements, detailed filter design, understanding of mechanical design through development and product transfer
- Have hands on experience of network analyser and spectrum analyser measurement techniques including calibration for path losses sets is essential
- Have experience in the design of complex RF microwave filters and sub-systems used within the Defence, Communications or Aerospace Industry
- Have knowledge of good engineering processes and practices
- Have practical lumped element filter design and development experience
- Have practical SSS filter design and development experience
- Have experience with EM simulation tools for filter design CST, HFSS etc.
- Have experience with other microwave design tools AWR, ADS etc.
- Good communication skills – able to understand and report tasks, risks etc.
- Team working – both with peers and support staff
- The successful candidate must be security clearable up to SC level

How to apply:

Please forward your CV to Janette Pattison, Recruitment Manager, Teledyne Defence & Space, Airedale House, Acorn Park, Shipley, West Yorkshire BD17 7SW or via email: janette.pattison@teledyne.com