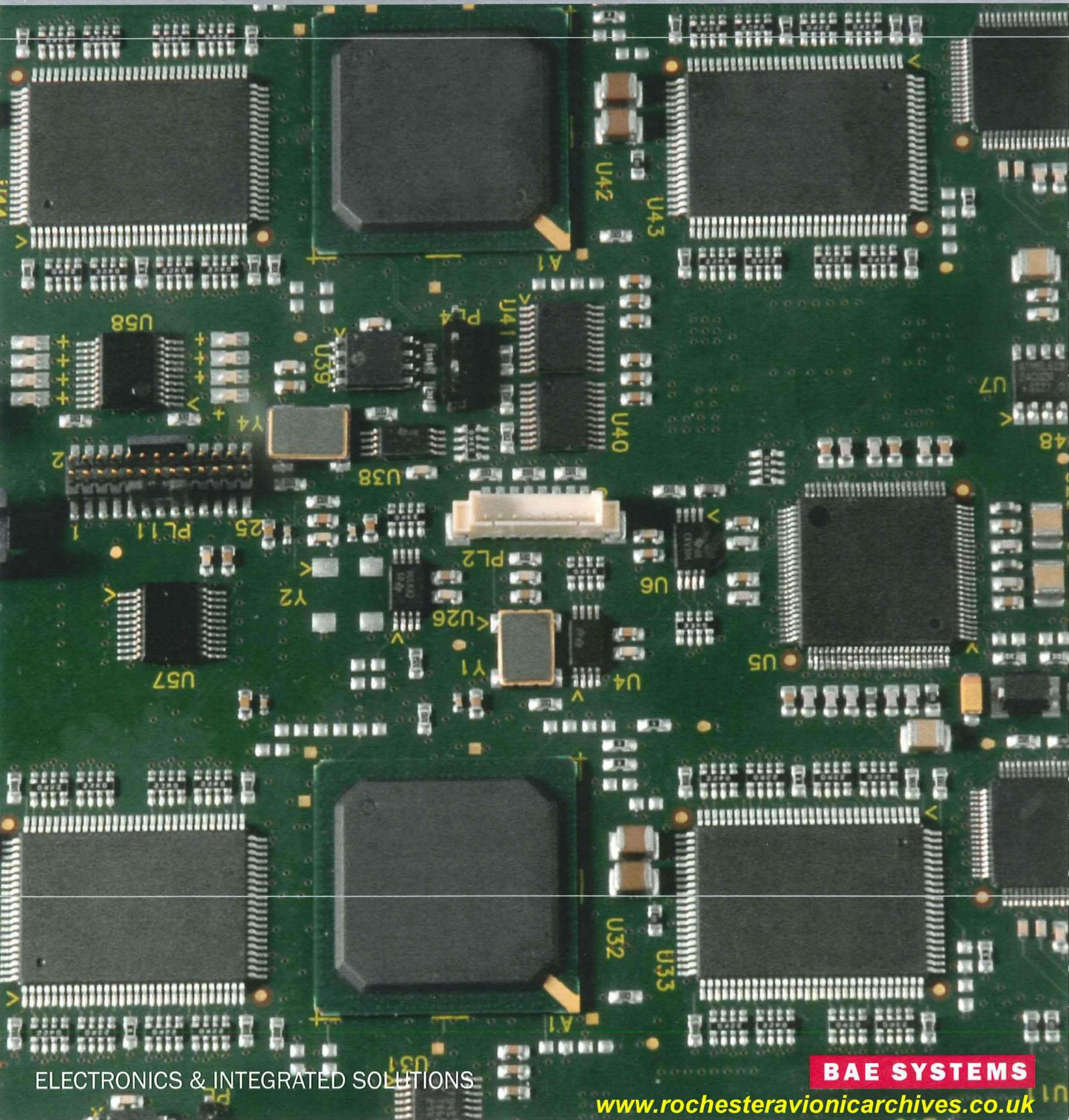


# Hardware Engineering





## HARDWARE ENGINEERING

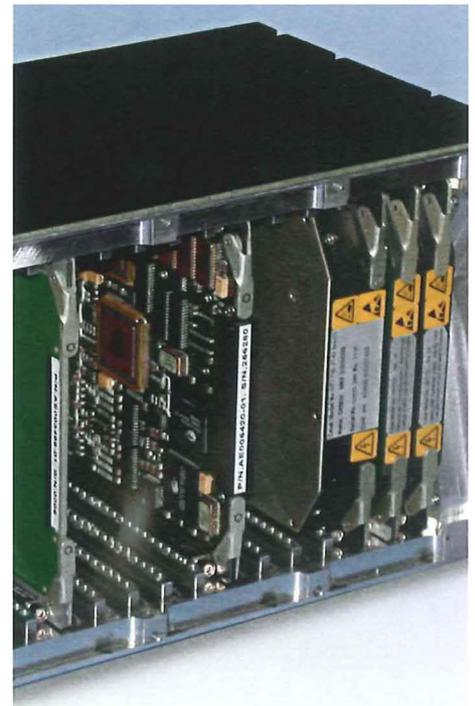
Our current flight control solutions are on-board the world's most advanced aircraft in the military sector (Eurofighter, Joint Strike Fighter and F-22) and commercial sectors (Boeing 777 and Airbus 320).

Our solutions include control computers, pilots sticks (world leading active sticks, as well as more conventional passive systems), deployed as specialist components or as entire systems.

We have a world-leading pedigree in displays and Head-Up Displays, most noticeably on Eurofighter and F-16 and an outstanding breadth of mission systems capabilities including mission computing and mapping.

## HARDWARE ENGINEERING CAPABILITIES

- High speed digital and field-programmable gate array (FPGA) design.
- Analogue design involving motor drives and power supply units.
- In-house printed circuit board layout and component engineering specialists.
- Leading-edge capability in micro-electronics, image processing and high integrity systems.
- FPGA designs exceeding 1.5 million equivalent gates running at over 100MHz.
- Technologies including:
  - PowerPC
  - High-performance graphics
  - Precision actuator drives and high-tech man-machine interfaces
  - Actel and Xilinx devices utilising the latest families of devices.



## Want to be part of it?

### Defence Avionics Careers

If you think you are ready for a demanding challenge, and have the skills and competencies that match the role, please get in touch.

## FOR MORE INFORMATION

- For details of current vacancies
- visit [www.baesystems.com/defenceavionics](http://www.baesystems.com/defenceavionics)
- email your cv and/or details of areas of interest to: [opportunitiesatrochester@baesystems.com](mailto:opportunitiesatrochester@baesystems.com)
- Call 01634 203450.

BAE Systems  
Electronics & Integrated Solutions  
Airport works  
Rochester  
Kent ME1 2XX  
United Kingdom

This document gives only a general description of the product(s) or services offered by BAE Systems and, except where expressly provided otherwise, shall not form part of any contract. From time to time, changes may be made in the products or the conditions of supply.