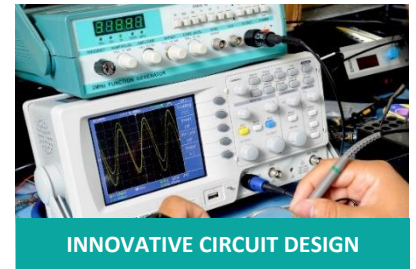




## An introduction to AES

AES creates value for clients using innovation, design and technology to bring new products to market and to extend the life-cycle of existing products.

We combine leading edge thinking and product innovation with our proven electronic product design methodology to maximise return on investment for our clients.

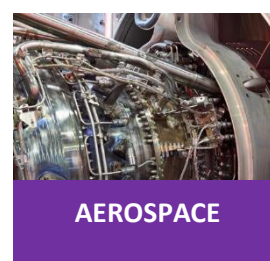
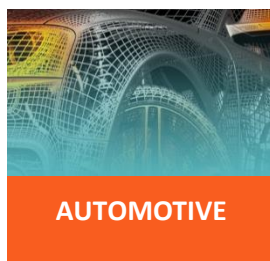


## Helping our clients from concept electronic design to manufacture

AES has a proven track record in bringing products to market on time and to specification. We work collaboratively with our clients to design and manufacture products across a variety of industries.



## Our scope is wide



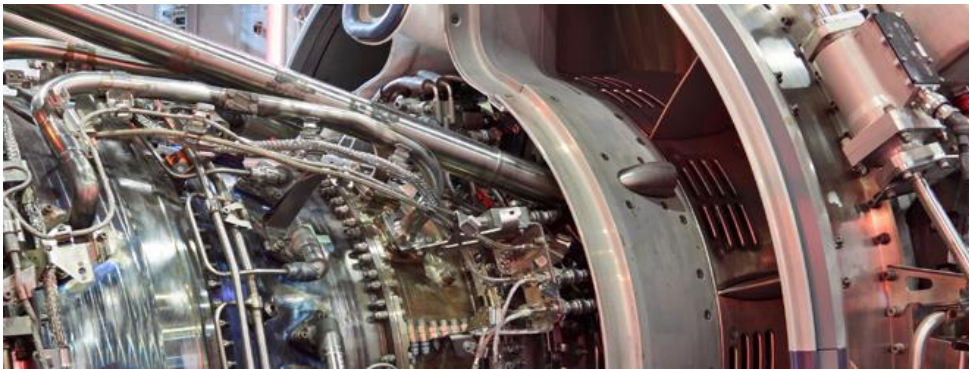
Get in touch to speak to our team

T: 01789 204 879 E: [info@assemtron.com](mailto:info@assemtron.com)

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 Masons Road, Stratford-Upon-Avon, CV37 9NF





Innovative  
Electrical Design  
and Manufacture

## What makes us unique?

- A full suite of services, from concept through to product manufacture and lifetime support
- Fast turnaround of specifications and prototypes
- Rapid response where a short time-to-market is required
- Intelligent design and leading-edge manufacture
- Transferring technologies across sectors
- Rejuvenating existing products; innovating new products.
- Improving competitive edge through technology
- Electronic and electromechanical solutions
- ISO13485:2016 Medical and ISO9001: 2015 accredited



ROBOT 6-AXIS MACHINING

## Process capability checklist

| Manufacturing                        | Electronics Design               | Product Styling                                |
|--------------------------------------|----------------------------------|--|
| ✓ SMT placement                      | ✓ Hardware and software          | ✓ CAD design and eDrawings                     |
| ✓ Through-hole assembly              | ✓ IOT and Industry 4.0           | ✓ Design for manufacture                       |
| ✓ Wiring and looms                   | ✓ Firmware                       | ✓ Tooling, mouldings and machining             |
| ✓ Robotic 6-axis machining           | ✓ Design for manufacture         | ✓ Prototypes and assemblies                    |
| ✓ Over-moulding                      | ✓ Testing and validation         | ✓ Inductive charging and battery encapsulation |
| ✓ Resin potting                      | ✓ Prototyping                    | ✓ Project management                           |
| ✓ Programming                        | ✓ CE certification and approvals | ✓ Iterative design and development             |
| ✓ Testing and inspection             | ✓ RF, Bluetooth, Wi-Fi           | ✓ Material selections                          |
| ✓ Cabinet and control panel assembly | ✓ Data-logging                   | ✓ Design for manufacture                       |



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