

Wireless Systems

5G, RF, Wifi communication technologies development



Wireless Systems development

Accelerate your communication systems development.

5g and future communication systems is likely to introduce potentially revolutionary technologies such as automated cars and advanced manufacturing, as well as enabling the many thousands of connected devices, such as smart energy meters, that are predicted to enter our everyday world as part of the Internet of Things (IoT). Ioteach integrates hardware and software to help scientists and engineers rapidly prototype high-performance wireless systems. We aim to work with you to deliver solutions that advance wireless research.

1

5G

Advance communication system development

2

SDR

We develop rapid prototyping solutions based on Software Defined Radio

3

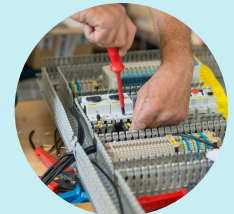
DATA REPORTING

Transient power disturbance recording in COMTRADE format.



Consultation

We are trusted to bring inventive solutions to complex technical challenges



System Integration

Our solutions range from hand-held systems to full turnkey solutions.



Support

Ioteach staff and Thames Community are available if needed. Please visit our website for more information.

Product data sheet

Deployment as desktop, laptop or industrial control panel installation for all environmental and climatic conditions.

- Support for a wide range of modulation bandwidths, from several megahertz to a few gigahertz.
- Support for a wide range of frequency bands, from RF to microwave to millimeter-wave
- Support for high-order spatial multiplexing techniques such as MIMO.
- Prototype for filter bank multi-carrier (FBMC), generalised frequency- division multiplexing (GFDM), universal filtered multi-carrier (UFMC), filtered orthogonal frequency-division multiplexing (F-OFDM), and many more.
- Rapid Prototyping based on Software Defined radio and support for high-level algorithm design with easy path to hardware.
- Support for Matlab and C files.



Order Procedure

You are entitled to receive full design and engineering consultation service using our Consultation Package. Proceed and click Add to Cart to make swift payment online. We would follow up with Requirement Questionnaire that we send to email address registered with us. We review your submitted response and then call you or email back with full design architecture including all components-hardware and software. We would also submit estimated quotation for '5G Wireless Development Kit' to meet your objectives. We are available via email and phone so please do not hesitate to contact us should assistance is required with your order. We look forward to working with you.

FURTHER INFORMATION

Website: <https://www.ioteach.co.uk>

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