

IQE plc

Reach

Cardiff, UK
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IQE demonstrates progress on its strategic commitment to diversify into GaN technologies for MicroLED

- **Launch of new portfolio of 200mm (8") RGB Epitaxy for MicroLED Display Qualification**

IQE plc (AIM: IQE, "IQE" or the "Group"), the leading supplier of compound semiconductor wafer products and advanced material solutions to the global semiconductor industry, is pleased to announce the launch of a new portfolio of 200mm (8") Red, Green and Blue ("RGB") epitaxial wafer products for microLED display qualification.

MicroLEDs based upon gallium nitride (GaN) and gallium arsenide (GaAs) semiconductors are a disruptive new display technology which is being designed into multiple new platforms such as wearables, augmented and virtual reality headsets and large format displays.

IQE's GaN and GaAs epitaxy is critical in enabling faster adoption of microLEDs. This is because IQE's leading technology, high-volume manufacturing platforms and resulting scale provides our customers with a commercial advantage.

The launch of IQE's differentiated microLED wafer products will provide customers with faster time-to-market options for display level qualification. IQE is delivering qualified foundry capacity from its international operations, which is a significant point of difference as it provides customers with epitaxy supply chain diversification. By scaling the technology roadmap from 200mm (8") to 300mm (12"), IQE will provide the industry with a cost-effective solution.

Dr. Mark J, Furlong, Executive Vice President of Business Development of IQE commented:

"We are pleased to offer our customers the industry's broadest range of materials technology platforms for microLED display qualification. We recognise that IQE can play a critical role in accelerating the deployment of microLEDs across many end applications and the launch of this new portfolio is in line with our strategy to diversify into GaN technologies, in the high-growth display market."

ABOUT IQE

<http://iqep.com>

IQE is the leading global supplier of advanced compound semiconductor wafers and materials solutions that enable a diverse range of applications across:

- Smart Connected Devices
- Communications Infrastructure
- Automotive and Industrial
- Aerospace and Security

As a scaled global epitaxy wafer manufacturer, IQE is uniquely positioned in this market which has high barriers to entry. IQE supplies the global market and is enabling customers to innovate at chip and OEM level. By leveraging the Group's intellectual property portfolio including know-how and patents, it produces epitaxy wafers of superior quality, yield and unit economics.

IQE is headquartered in Cardiff UK, with employees across eight manufacturing locations in the UK, US and Taiwan, and is listed on the AIM Stock Exchange in London.

Contacts:

IQE plc
+44 (0) 29 2083 9400
Americo Lemos
Tim Pullen
Amy Barlow

Embedded PR (Trade Press)
embedded PR
Europe: Anja-Maria Hastenrath
Tel: +49 89 / 64913634-1
ah@embedded-pr.de

United States: Cynthia Hoyer
Tel: +1 408-858-2602
ch@embedded-pr.com

Headland Consultancy (Financial PR)

+ 44 (0) 20 38054822
Andy Rivett-Carnac: +44 (0) 7968 997 365
Chloe Francklin: +44 (0)78 3497 4624

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