Press information

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Yageo Has Released Universal PCB Antenna



Yageo Corporation, the global leader of electronic components, released the new universal PCB Antenna for LTE full band, IoT, WiFi, ISM and GNSS applications.

Wireless product applications are various, no matter whether if based on working frequency or form factor. A universal antenna is proposed for multi-band operations, as it only occupies a very small area of 90mm x 20mm, and this is about the smallest for a PCB antenna capable of ultra-wide band operations ranging from lower frequency of 698MHz to higher frequencies up to 6GHz.

Furthermore, universal antennas present good radiation characteristics providing a stable gain variation through the full operational band. Thanks to the small size and ultra-wide band characteristics, only one universal antenna is required to cover all working frequencies in a limited space.

Yageo's universal antenna can bring customer benefits since they don't have to manage different frequency stocks, reducing design time and efforts in inventory management, also cost saving.

Features & Benefits

- Smallest size in the market; 90mm*20mm
- Ultra wide band; 698MHz~6GHz
- Stable gain variation; under 3dBi variation in full operation band
- Linear polarization and Omni-directional
- Default NGFF connector; also support IPEX and SMA connector.

Applications

- Cellular device
- Wi-Fi router
- ISM band device
- Navigation device
- Telematics box
- Infotainment system

About Yageo

Yageo Corporation is a world-class provider of passive components services with capabilities on a global scale, including production and sales facilities in Asia, Europe, and the Americas. The corporation provides one-stop-shopping, offering its complete product portfolio of resistors, capacitors, wireless and circuit protection components designed to meet the diverse requirements of customers. Yageo ranks No. 1 in chip resistors and No. 3 in MLCCs, with a strong global presence, with 38 sales offices, 19 production sites, 6 JIT logistics hubs and 14 R&D centers worldwide. For more information, visit yageo.com or follow us on Twitter @YageoCorp.

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