



Enabling Smart Home with Matter

The Matter standard emerges as a unifying force within the industry, assuring dependable and secure connectivity. It guarantees the seamless interaction of devices both now and in the future, embodying a stamp of assurance that devices will harmonize effortlessly. This standard reshapes the landscape of connectivity, fostering a future where technology effortlessly integrates into every facet of our lives.



- Leveraging Murata's unique expertise, the highly integrated Wi-Fi/BT combo module, LBES5PL2EL, is optimized to impeccably address the precise requirements of upcoming IoT hardware. Murata's new multi-protocol tri-radio wireless module enables simultaneous use of Wi-Fi 6, Bluetooth and IEEE 802.15.4.

Solution Design

<p style="text-align: center; font-size: 24px; font-weight: bold;">1</p> <p style="text-align: center;">Easy to purchase and use</p>	<p style="text-align: center; font-size: 24px; font-weight: bold;">2</p> <p style="text-align: center;">Devices for multiple brands work natively together</p>	<p style="text-align: center; font-size: 24px; font-weight: bold;">3</p> <p style="text-align: center;">Consistent reliability and responsive local connectivity</p>	<p style="text-align: center; font-size: 24px; font-weight: bold;">4</p> <p style="text-align: center;">Robust security streamlined for developers and users</p>
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Solution Objectives	<p style="text-align: center; font-size: 24px; font-weight: bold;">1</p> <p style="text-align: center; font-weight: bold;">Interoperability</p>	<p style="text-align: center; font-size: 24px; font-weight: bold;">3</p> <p style="text-align: center; font-weight: bold;">Future proof</p>	<p style="text-align: center; font-size: 24px; font-weight: bold;">5</p> <p style="text-align: center; font-weight: bold;">Security and privacy</p>
	<p style="text-align: center; font-size: 24px; font-weight: bold;">2</p> <p style="text-align: center; font-weight: bold;">Ease-of-use</p>	<p style="text-align: center; font-size: 24px; font-weight: bold;">4</p> <p style="text-align: center; font-weight: bold;">Multiple physical layer support</p>	

Possible Applications/Use Cases



Home Automation Equipment



Digital Assistants



Lighting Gateways



Climate Control Systems

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