







<b>PCN#</b>	PCN20250513-010	<b>PCN ISSUE DATE</b>	May 13, 2025												
<b>PCN TITLE</b> SKU#114993387, XIAO 60GHz mmWave Human Breathing and Heartbeat Sensor -MR60BHA2 [ Add 2.4GHz FPC Antenna (2.9dBi)]															
<b>REVISION</b>		<b>CUSTOMER CONTACT</b>													
<b>TYPE OF CHANGE</b> <div style="display: flex; justify-content: space-between;"> <div> <input checked="" type="checkbox"/>Electrical Specification  <input type="checkbox"/>Mechanical Specification  <input type="checkbox"/>Firmware Specification  <input type="checkbox"/>Regulatory of Compliance         </div> <div> <input type="checkbox"/>Part Number  <input type="checkbox"/>End of Life  <input type="checkbox"/>Other         </div> </div>															
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<b>REASONS FOR CHANGE</b> To improve WiFi connectivity and stability of the XIAO 60GHz mmWave Human Breathing and Heartbeat Sensor -MR60BHA2 (SKU: 114993387). Feedback shows the onboard XIAO ESP32-C6 antenna lacks sufficient signal strength in dense indoor WiFi environments, causing connection drops. Adding an external 2.4GHz FPC Antenna (2.9dBi) (SKU: 318020748) in upcoming batches will boost reception and transmission, ensuring reliable performance in complex wireless settings.															
<b>CUSTOMER ACTION REQUIRED</b> Switch to alternative products.															