

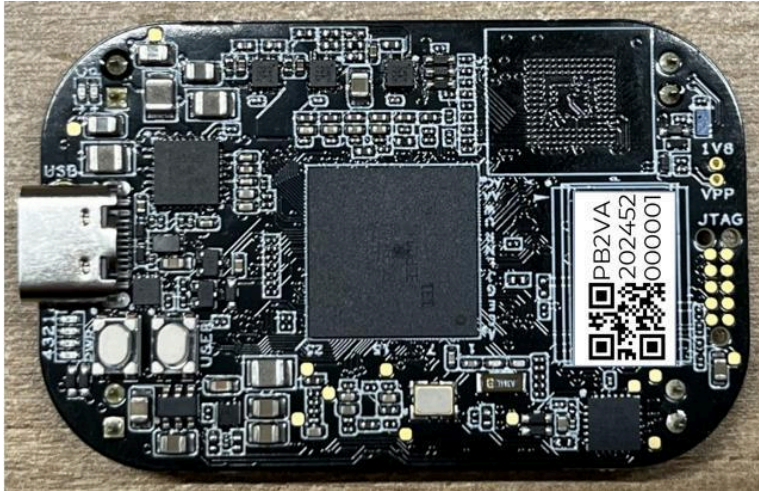
PCN#	PCN20250226-001	PCN ISSUE DATE	Feb 26, 2025				
PCN TITLE Processor for PocketBeagle 2							
REVISION		CUSTOMER CONTACT					
TYPE OF CHANGE <div><input checked="" type="checkbox"/>Electrical Specification <input type="checkbox"/>Mechanical Specification <input type="checkbox"/>Firmware Specification <input type="checkbox"/>Regulatory of Compliance</div> <div><input type="checkbox"/>Part Number <input type="checkbox"/>End of Life <input type="checkbox"/>Other</div>							
AFFECTED PART NUMBER(S) <table border="1"><thead><tr><th>Part Number</th><th>Name</th></tr></thead><tbody><tr><td>102110780</td><td>PocketBeagle 2</td></tr></tbody></table>				Part Number	Name	102110780	PocketBeagle 2
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CHANGE DESCRIPTION Change FROM <table border="1"><thead><tr><th>Part Number</th><th>Description</th></tr></thead><tbody><tr><td>AM6232ASCGHAALWR</td><td>AM6232 Dual-Core Arm® Cortex®-A53 @1GHz</td></tr></tbody></table>				Part Number	Description	AM6232ASCGHAALWR	AM6232 Dual-Core Arm® Cortex®-A53 @1GHz
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TO <table border="1"><thead><tr><th>Part Number</th><th>Description</th></tr></thead><tbody><tr><td>AM6254ATCGHIALWR</td><td>AM6254 Quad-Core Arm® Cortex®-A53 @1.4GHz</td></tr></tbody></table>				Part Number	Description	AM6254ATCGHIALWR	AM6254 Quad-Core Arm® Cortex®-A53 @1.4GHz
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REASONS FOR CHANGE <p>Improving the customer performance experience and aligning our purchasing power and support around a common processor variant.</p> <p>The potential impacts of this change are as follows:</p> <ol style="list-style-type: none">1. Higher available CPU clock speed (1.4GHz vs. 1GHz)2. More available A53 CPU cores (4 vs. 2)3. Available GPU4. Broader temperature range support							
CUSTOMER ACTION REQUIRED <p>Commodity off the shelf.</p>							

Additional information

Identification of this change can be identified by the silkscreen laser on the processor.

Image of product (Before and After Change)

Before



After

