


PCN Overview			
PCN Number	DHCOM-STM32MP15-008		
PCN Date	15 May 2026		
Type of Change	Change Component		
History			
Revision	Date	Description	Name
R01	15/05/2026	First draft	AG
R01	18/05/2026	Released	HH

Change Information																								
Reason of Change	End of life (EOL) for the Silicon Labs RS9116N Wi-Fi/Bluetooth module.																							
Description of Changes	The Silicon Labs RS9116N Wi-Fi/Bluetooth module will be replaced by the muRata 2AE module.																							
Customer Impact	<p>Switching to the muRata 2AE has resulted in PCB modifications and changes to the Linux and bootloader software. The mass production image can detect the PCB version using our hardware coding functionality on the SOM's, supporting both old and new hardware.</p> <p>The System on Module PCB version is currently being updated and is expected to be available at the end of Q3 or the beginning of Q4. Please note that the muRata 2AE only supports connection to an external antenna via a U.FL connector. Therefore, when switching to the new SOM, an antenna must be connected. DH recommends the following antennas:</p> <table border="1" data-bbox="483 1494 1444 1827"> <thead> <tr> <th>Maker</th> <th>P/N</th> <th>Form factor</th> <th>Type</th> <th>2.4Ghz Gain (dBi)</th> <th>5Ghz Gain (dBi)</th> </tr> </thead> <tbody> <tr> <td>Molex</td> <td>146187</td> <td>u.FL/flexible</td> <td>PCB trace antenna</td> <td>3.4</td> <td>4.75</td> </tr> <tr> <td>Unictron</td> <td>H2B1PC1A1 C095L</td> <td>u.FL/flexible</td> <td>PCB trace antenna Available with double-sided tape</td> <td>0.9</td> <td>3.8</td> </tr> </tbody> </table> <p>Additionally, it is necessary to determine the impact of the new radio module on the existing certification of the end device, as well as which measurements need to be repeated.</p>						Maker	P/N	Form factor	Type	2.4Ghz Gain (dBi)	5Ghz Gain (dBi)	Molex	146187	u.FL/flexible	PCB trace antenna	3.4	4.75	Unictron	H2B1PC1A1 C095L	u.FL/flexible	PCB trace antenna Available with double-sided tape	0.9	3.8
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	<p>Finally, all DHCOM STM32MP15 System on Modules will be equipped with the new muRata 2AE.</p> <p>However, DH also offers the option of stocking the Silicon Labs RS9116N Wi-Fi/Bluetooth. If you are interested, please contact your sales representative.</p> <p>Silicon Labs RS9116N Wi-Fi/Bluetooth:</p> <ul style="list-style-type: none"> ▪ Last Time Order Due: Nov. 04, 2026 ▪ Last Shipment Date: Nov. 04, 2027
Suggested Measures	<p>DH advises customers to carefully validate the new product version before its production release. Customer software should support both old and new types of WiFi/BT module. The software can use the System on Module hardware coding functionality to detect the PCB version to achieve this.</p> <p>Customers must check whether the change impacts the certification of the end device.</p> <p>Due to the tight timeline and the availability of the new version and the LTB date, we also recommend planning to stock the old RS9116N module. Please contact DH electronics regarding this.</p>
Logistics	Please ask your sales contact, if you have questions regarding this change scenario.

Affected Products	
HS00014	DHCM-STM32MP157C-C065-R102-F0819-SPI-E2-CAN2-SDR104-RTC-WBT-T-DSI-I-01D2
HS00029	DHCM-STM32MP157C-C065-R051-F0409-SPI-E2-SD-RTC-WBT-I-01D2

Contacts	
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