

**Part Number:** 4160258xx-3

**Model:** SP6-315

DATE	VERSION	SUMMARY OF CHANGES	NOTE
--	10	<p>Sample 25pcs</p> <p><b>Bare PCB: 016025801-5(thickness 1.6mm), P/N 416025810-3</b>  <b>BIOS : U12, E1.00.06 (MCU module ESP32-S3-WROOM-1-N16R8)(new)</b></p>	ECN# N/A
--	20	<p>Samples 5pcs</p> <ul style="list-style-type: none"> <li>- Change to low profile/side entry connectors</li> <li>- Change USB to UART IC to CH340K</li> <li>- MCU module changed to external antenna version.</li> </ul> <p><b>Bare PCB: 016025802-5, P/N 416025820-3</b>  <b>BIOS : U12, E1.00.06 (MCU module ESP32-S3-WROOM-1U-N16R8)(new)</b></p>	ECN# N/A
13 Nov 2024	30	<p>Production release SP6-315</p> <p>Main MCU module used : Espressif ESP32-S3-WROOM-1U-N16R8                      (External Antenna version)</p> <ol style="list-style-type: none"> <li>1) Supports resolution: 2560x1440 (for E Ink Spectra-6 31.5" panel)</li> <li>2) Supports full color (red/green/blue/yellow/black/white) mode</li> <li>3) Panel Support: 31.5" Spectra-6 panel (EL315TW1)</li> <li>4) 1x USB-C connector</li> <li>5) Supports Bitmap file format</li> <li>6) On-board temperature sensor</li> <li>7) Power LED reporting power input status installed next to the +12VDC power input connector.</li> <li>8) Input voltage : DC 12V (via power connector - Molex 43650-0200 compatible)</li> <li>9) Supports Raspberry Pi, STM-100</li> </ol> <p><b>Bare PCB: 016025803-5, P/N 416025830-3</b>  <b>BIOS : U12, V1.00.00 (MCU module ESP32-S3-WROOM-1U-N16R8)(new)</b></p>	ECN# TW870688 211

<b>Prepared by: DV-HK</b>	<b>Date: 13 Nov 2024</b>
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