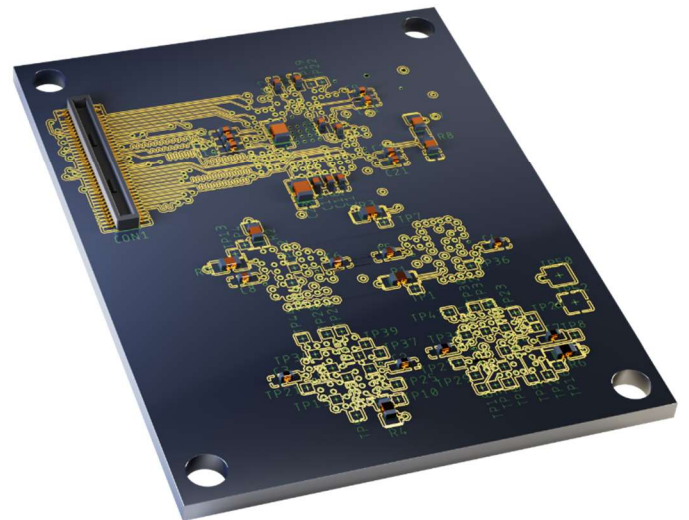
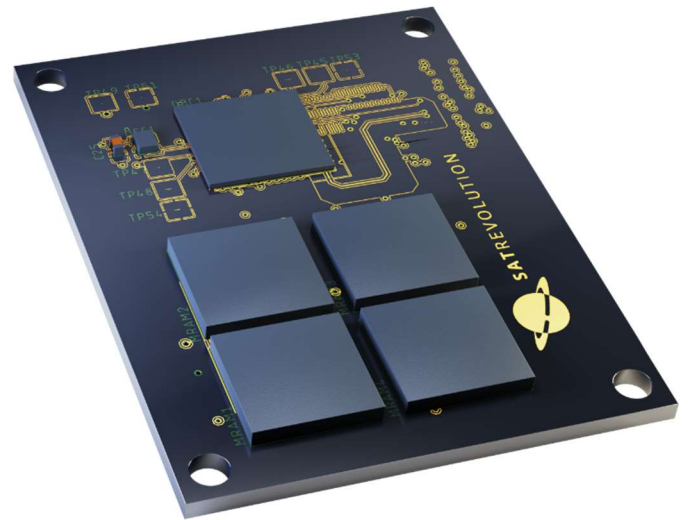


## Additional Computing Unit

<b>Description</b>	<ul style="list-style-type: none"> <li>· Computing Unit for CubeSat's OBC.</li> <li>· Additional high computing power processor and external MRAM memory.</li> <li>· Prepared for most available interfaces.</li> </ul>
<b>Features</b>	<p><b>Processor:</b></p> <ul style="list-style-type: none"> <li>· Up to 216MHz</li> <li>· MPU</li> <li>· DSP instructions</li> <li>· Three low-power modes</li> </ul> <p><b>Available interfaces:</b></p> <ul style="list-style-type: none"> <li>· 1x DCMI</li> <li>· 1x SDMMC</li> <li>· 1x USB</li> <li>· 2x SPI</li> <li>· 2x UART</li> <li>· 9x ADC</li> <li>· 2x I2C</li> <li>· MCO</li> </ul> <p><b>MRAM memory:</b></p> <ul style="list-style-type: none"> <li>· 2MB capacity</li> <li>· SRAM compatible timing</li> <li>· Non-volatile for more than 20 years</li> </ul>
<b>Details</b>	<ul style="list-style-type: none"> <li>· Current consumption: up to 300 mA</li> <li>· Connector: HIROSE DF40HC(3.0)-70DS-0.4V</li> </ul>
<b>Properties</b>	<ul style="list-style-type: none"> <li>· Total mass: 13.5 g</li> <li>· Size: 48 x 38 x 3 mm</li> <li>· Compatible with PC-104 mechanical interface</li> </ul>
<b>Tests</b>	<ul style="list-style-type: none"> <li>· Thermal-vacuum</li> <li>· Random vibration</li> <li>· EMC</li> </ul>




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**SATREOLUTION S.A.**

NIP: 8943081944  
REGON: 364960301

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**ADRES:**

ul. Stabłowicka 147  
54-066 Wrocław

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**KONTAKT:**

T: +48 533 325 851  
E: [contact@satrevolution.com](mailto:contact@satrevolution.com)