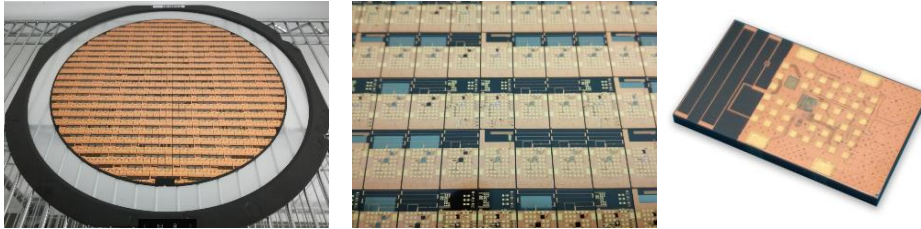


IOTIP | Internet of Things in Package

Project Sheet (EN)

<p>Cofinanciado por:</p>    <p>UNIÃO EUROPEIA Fundo Europeu de Desenvolvimento Regional</p>
<p>Project nº</p> <p>17763</p>
<p>IOTIP Internet of Things in Package:</p> <p>Wafer Level Modular Architecture for Internet of Things</p>
<p>Project overview</p> <p>Over the past few years we have seen the integration of sensor technology, processing power and radio connectivity in the objects that surround us in our everyday life, corresponding to the emerging “Internet of Things”. Despite the increasing number of smart devices, there are still some challenges that limit the dissemination of the “Internet of Things”. One of the most concerning challenges is the time and technical hurdles associated with hardware development. Having this in mind, the IoTIP proposal addresses these problems by presenting a highly integrated solution. IoTIP’s solution combines hardware in an extremely small enclosure (package), firmware and a software ecosystem suitable for the “Internet of Things”.</p> <p>IoTIP will also address related technical issues, such as miniaturization, reduction of energy consumption, integration with other systems and the access to higher levels of information.</p> <p>The proposed demonstrator is built on top of a new SiP (System-in-Package) that embeds sensing, processing, energy management and radio communications. This SiP will also provide a physical interface to enable a modular architecture for adding new features that can be used in a wide variety of applications.</p> <p>IoTIP is proposed by two entities – Amkor Technology Portugal and Fraunhofer Portugal – these companies have the necessary competencies to develop a technology that will contribute to IoT growth at a global scale.</p>

Photos, videos and other materials



Project Supported by the “Sistema de Incentivos” (incentive scheme)

Investigação e Desenvolvimento Tecnológico (SI I&DT)

Partners

ATEP - Amkor Technology Portugal, S.A. (Leader)

Associação Fraunhofer Portugal Research

Total eligible cost

668.536,92 €

Intervention Region | North

Project Code | POCI-01-0247-FEDER-17763

Funding:

377.157,61 € (ERDF)

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