

# PRESS KIT

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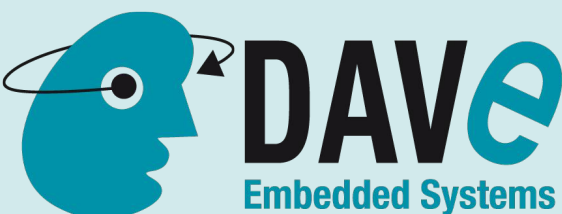


# Company Profile

DAVE Embedded Systems is a well-established and constantly growing Italian company, focused on designing, manufacturing and selling of miniaturized embedded systems solutions. Since its foundation, back in 1998, DAVE Embedded Systems has developed its business, increasing its know-how and activities. Support and assistance provided to many Italian and foreign companies mainly concerns the design of microprocessor platforms, based on Linux, Windows or Android. Currently DAVE Embedded Systems is a standard supplier of european companies, especially in Italy, Germany and Nordic that are the dominant markets for embedded systems. In 2013, DAVE Embedded Systems has signed important commercial sales partnerships with Sarsen Technology Ltd in United Kingdom and Ireland countries and Smart Embedded Systems in Western part of USA market. Recently (April 2014) a new commercial sales partnership has been signed and Antycip Technologies is the new partner in France.

DAVE Embedded Systems provides CPU modules solutions or System-On-Module (SoM) based on the latest technologies, Multi-Core ARM Cortex, PowerPC and X86 in particular in the industrial, medical and automotive. Thanks to the experience acquired in different areas, DAVE Embedded Systems is the best partner for hardware solutions, designed on the basis of specific customer requirements reducing the time-to-market. The manufacturing process has a complete material traceability that permits to verify where all purchased components were verified, mounted and tested. This is possible because of all production stages are traced and checked by standard quality procedures. These procedures are implemented in order to check the raw material quality and last but not least the third parties (highly specialized and reliable partners) quality. DAVE Embedded Systems' IPC technicians (IPC is a reference standard for electronic manufacturing) have identified several quality and process controls oriented to verify and keep stable the quality level offered. All these points enables DAVE Embedded Systems to provide its customers a complete offer in a perspective of partnership and collaboration with the common target to reach the maximum satisfaction.

Since DAVE Embedded Systems is a manufacturing company the quality and reliability of its products is ensured by 100% control on the production phases and long term investment in research and development. The real DAVE Embedded Systems' added value is its unique ability to provide timely and ongoing, services and technical support, that highlights the ability and knowledge of customers. Furthermore, DAVE Embedded Systems ensures a long-term supplies and a dedicated technical service to the needs of the customer and its possible emergency that DAVE Embedded Systems is able to meet to and answer to 80% of tickets in the same day, and 99% in 24 hours.



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## CPU MODULES

DAVE Embedded Systems provides CPU module solutions or System-On-Module (SoM) based on the latest technologies, Multi-Core ARM Cortex, PowerPC and X86. These products are suitable in particular in the industrial market as well as in the, medical and automotive segments. DAVE Embedded Systems proposes three product lines, called ULTRA, ESATTA and LITE. The three lines meet the market's requirements due to, with this three lines, DAVE Embedded Systems intercepts customers' needs in terms of performance, portability and price. DAVE Embedded Systems offers these three lines without give up the quality and reliability prerogative which always has identified the Company's offer. The three products lines are characterized by the following classification:

**LITE Line:** the CPU modules has the best quality/price ratio. The Lite Line products have a default and tailored set of features and resources without many mounting options. The technical specification of these products have been taken by using proven and validated solutions in order to minimize the risks and costs. LITE product line do not have assembly options and the power source is simpler than other product lines. Application area of LITE Line are home automation (video intercom over IP), simple industrial interfaces and HMI, high-volume applications.

**ESATTA Line:** the CPU modules of this line integrate the LITE Line characteristic adding important benefits and ensuring customers a greater flexibility required for complex applications and products. The ESATTA Line has a high mechanical retention (up to 50G), provides a Pin to Pin compatibility along with the same product line (with obvious limitations regarding the changes on the offered interfaces), processing capabilities, sophisticated algorithms on DSP, high-definition video computing (such as HDMI). The ESATTA Line offers the chance to customize the products thanks to the high number of configurations available. Areas of application of this product line are HMI (Human Machine Interface), automotive devices, medical, video surveillance, etc.

**ULTRA Line:** the CPU modules of this line integrate the characteristic of the other lines and provide additionally such microprocessor interfaces/functions that represent the achievement of top of possible performances without any restrictions. The ULTRA Line can be characterized with key elements such as PCIe interface and FPGA which provide an infinite number of options and customizations of use. Last but not least the mechanical retention is enhanced; the ULTRA Line products represent the state of the art of CPU modules. DAVE Embedded Systems, in order to create a cross family to the three product lines, always starts from the CPU module that belongs at the ULTRA Line and following with those of the lower lines.

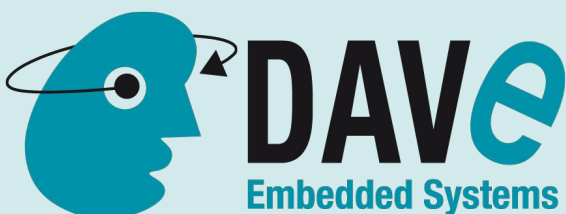
## SINGLE BOARD COMPUTERS

DAVE Embedded Systems' Single Board Computers are the perfect off-the-shelf compact ARM solutions.

This hardware proposal by DAVE Embedded Systems is completed with SW solutions (SoftPLC, QT, RTOS) which permit to reduce overall system cost, and making SBCs ideally suited for deployment into a wide range of cost, and making SBCs ideally suited for deployment into a wide range of cost-sensitive and robust industrial applications.

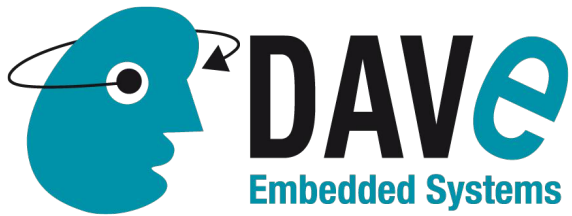
## CUSTOM SOLUTIONS

The second DAVE Embedded Systems' core business is the design, development, construction and production of turnkey embedded systems based on the specific customer requirements. The modus operandi of DAVE Embedded Systems, based on the ISO9001 quality standard, is characterized by creating a strong relationship with customers suitable for define their needs and specifications. The next step of this process that DAVE Embedded Systems leads is the passage from the design stage to the executive stage through a well structured process tested and verified many times. This modus operandi is a true DAVE Embedded Systems' added value, because of it allows a clear definition of the objectives, provides guidelines and methods of measurement in order to evaluate and verify the performance during the work in progress.



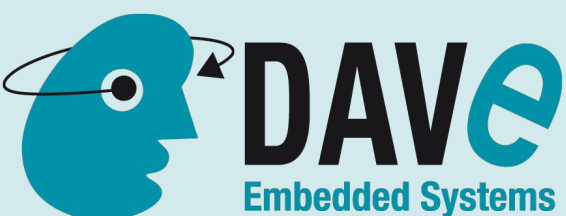
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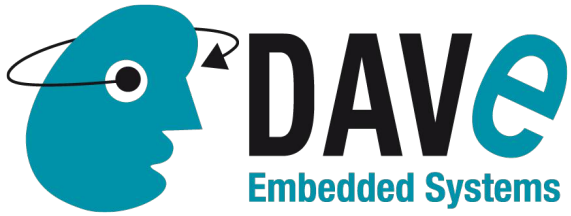
Companies wishing to use the DAVE Embedded Systems brand should consult with the company to ensure plans meet brand standards which are in place to ensure maximum brand benefit for all DAVE Embedded Systems' company. For more specific advice on how to use the DAVE Embedded Systems brand and brand identifiers please contact:

[marketing@dave.eu](mailto:marketing@dave.eu)

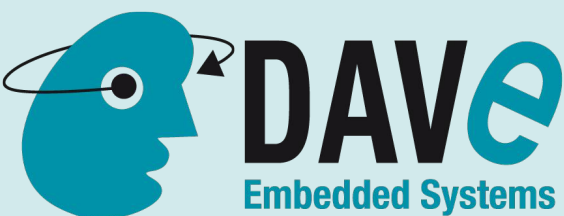
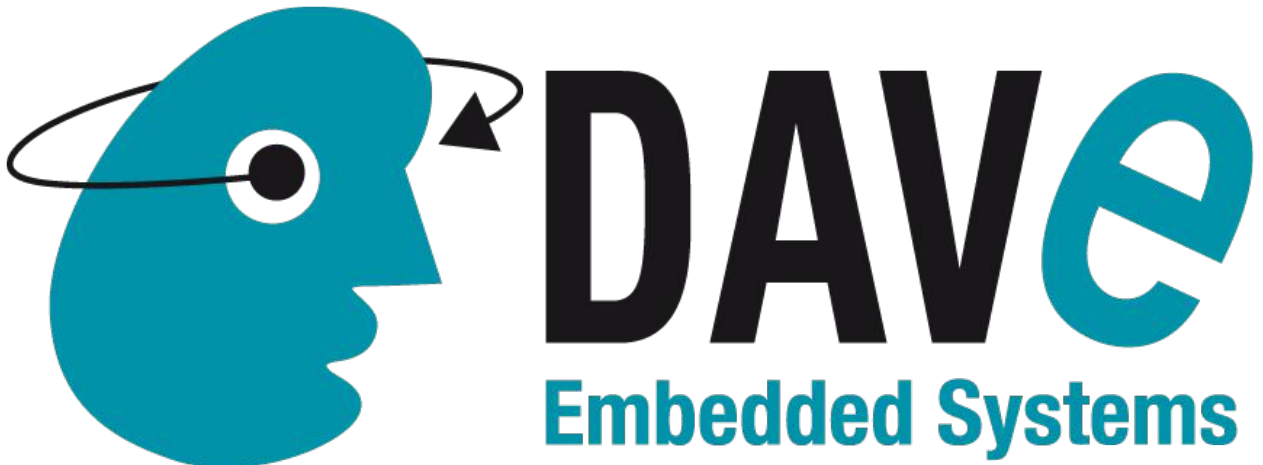


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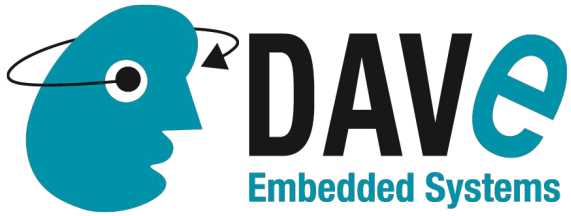


# Images and logo



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Using DAVE Embedded Systems colours



R: 247  
G: 82  
B: 9  
  
C: 0  
M: 67  
Y: 96  
K: 3



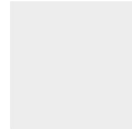
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R: 115  
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Using DAVE Embedded Systems font

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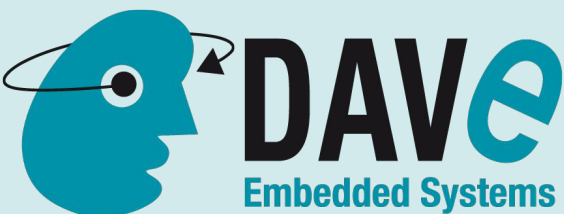
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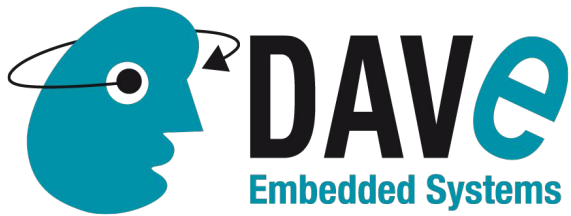
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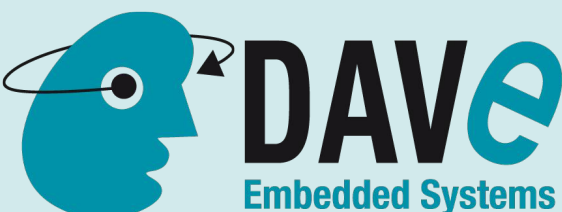
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