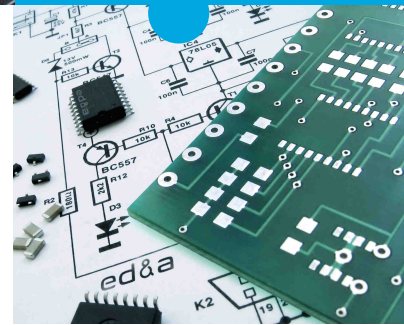


The
power to
control

Custom-made controllers

Controller for washing machines, dryers & ironers



Project description

The development is based on a high-performance ARM microcontroller using an RTOS (Real Time Operating System). For the user interface, the customer can choose between a TFT (5,7" or 3,5") or an LCD display (240 x 128 pixels). The platform can easily be expanded, for example with WiFi.

This platform ensures that the machines meet all the end customer's requirements: low energy/water consumption, easy to use, etc. This new platform can be used for all the machines that are manufactured by this customer.

Co-development

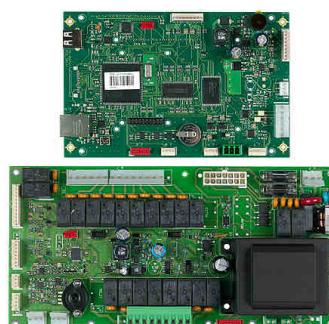
This controller platform was developed through close cooperation with the customer's engineers. E.D.&A. developed the hardware and wrote the low-level drivers for access to the hardware. E.D.&A. was also responsible for the implementation of the RTOS. The customer developed the application software.

Customer

Global market leader focusing on the development and production of industrial washing, drying and ironing machines.

Characteristics

- powerful ARM processor
- power supply 180 to 264 VAC
- various displays
- RTOS
- communication: RS232, RS485, USB Host, I²C and WiFi



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