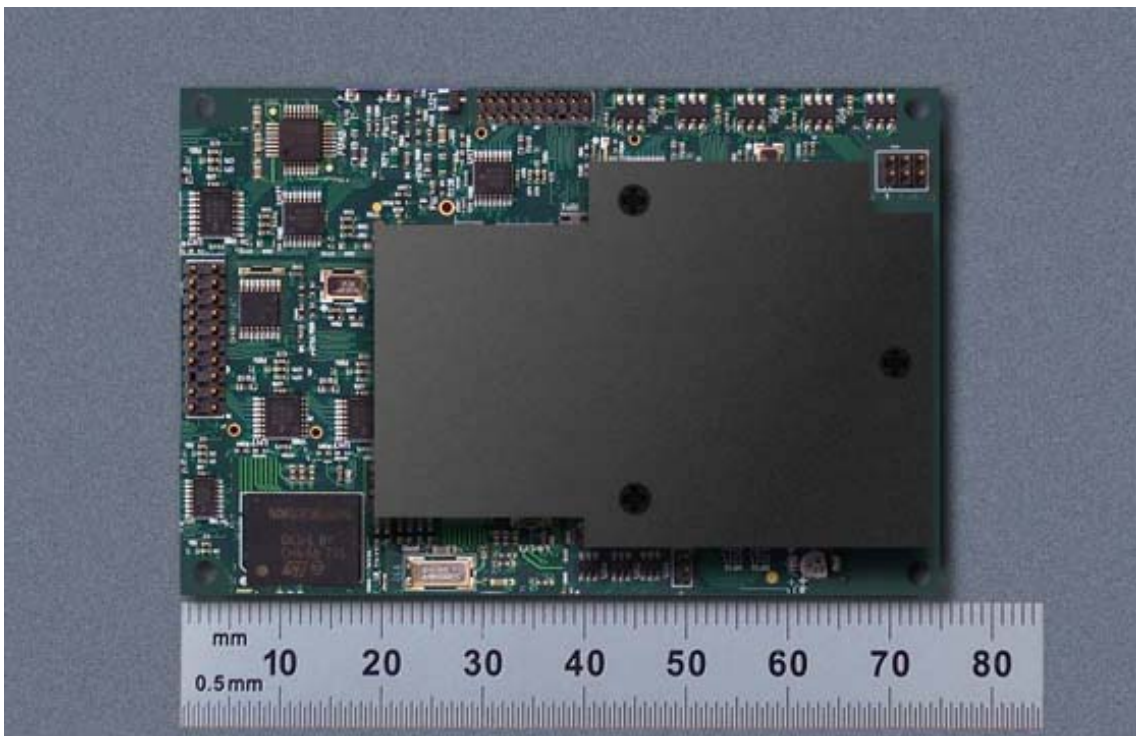


## **PX40 PCB Image Processor**

The PX40PCB provides a solution to real-time video image-processing needs in applications such as unmanned aerial vehicles (UAVs) and portable or mobile systems. Its exceptionally small form-factor (5 x 7.5cm), low power-consumption, and rugged design make it ideal for use in systems where size and power constraints preclude the use of box-level components. The PX40PCB is designed to operate over an ambient temperature range of -40 to +85 degrees Celsius and is resistant to shock and vibration, making it an ideal choice for image processing in extreme environments.

Utilizing an ARM-9 RISC processor and DSP, the PX40PCB accepts NTSC or PAL composite video and runs a suite of imaging algorithms for reducing the effects of haze and smoke, improving contrast, reducing noise, deblurring, and other image-enhancement functions. An embedded Linux operating system and multiple interface ports make the PX40PCB easy to interface to for local or remote control.



*For more information please contact:*

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