DAXPY

VPU for one-Watt class
of machine vision system

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Digital Atelier

DAXPY

Is the latest DPControl's board
for a new deal in smart camera system.
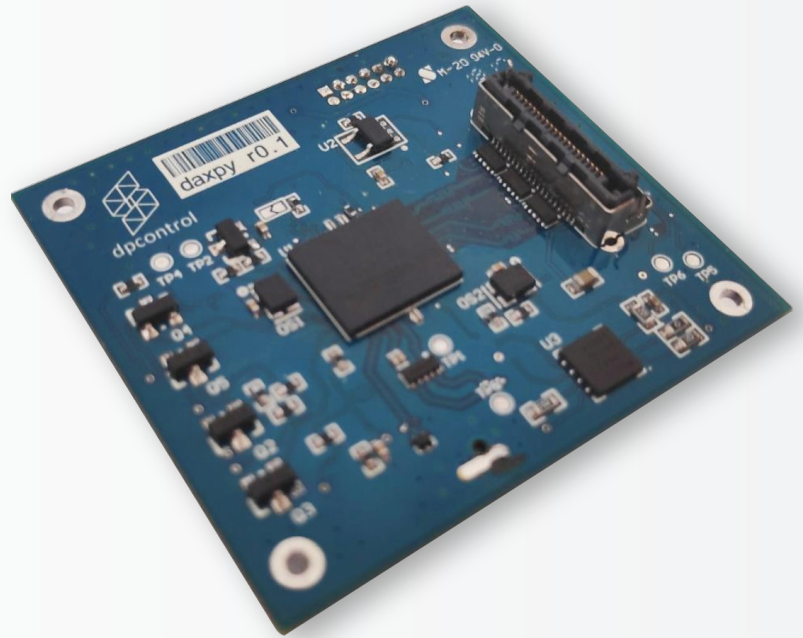
- **Small**
- **Embeddable**
- **Ultra-Low Power Design**
- **Suitable for Industrial usage**

DAXPY **PLUS**

- **DAXPY** is powered by a MA2450 VPU SoC

- TeraFLOPS of performance within a 1 Watt power envelope.

- Supported sensors from 1.3 to 10MP

- Standard industrial I/F

- Easy Programmable

- **Daxpy block tool** – web based GUI to build up your own image processing pipeline, event bases

- **Daxpy cloud** – server side vision tools, deploy on Amazon F1 or Google Cloud Services

- **Daxpy AI** – DNN engine on-board.

DAXPY **TARGET APPLICATIONS**

Deep Neural Network - based Classification

Pose Estimation

3D Depth

Visual Inertial Odometry

Gesture/Eye Tracking and Recognition

Vision Inspection System

DAXPY **COMPETITIVE ADVANTAGES**

High Performance with **low costs.**

Usable in complex **vision systems** with **low energy consumption.**

Possibility to customize DAXPY according to customer needs.

dpcontrol

DPControl srl
Via Napoli 55
84014 Nocera Inferiore (SA), Italy
Phone: +39 081 926428
www.dpcontrol.com

SEDECO
IMAGING

Germany, Austria, Switzerland
Sedeco Imaging GmbH
Unterer Dammweg 12
76149 Karlsruhe
Germany
T. +49 721 5604 7980
info@sedeco-imaging.com

BeNeLux
Sedeco Imaging B.V.
Rendementsweg 2n
3641 SK Mijdrecht
the Netherlands
T. +31 297 241717
info@sedeco-imaging.nl

www.sedeco-imaging.com