Vision System Configurator



Welcome to the hema Vision System Configurator!

Your route to a customized FPGA Embedded Vision Board

In three simple steps you can put together your ideal system. To do this, follow the steps below.

We would also be happy to give you our advice and discuss with you how the hema Vision platform can be integrated into your product.

- 1. On the back of this sheet, you will find the form "Vision System Configurator" for printing.
- 2. Enter the requirements and characteristics of your system in the "Vision System Configurator" form.

The following questions will help you:

- a) What is the purpose of my system?
- b) How is my system structured? What components does it consist of?
- c) Which sensors do I want to connect?
- d) Which functions for data processing do I want to integrate?
- e) What FPGA power do I need? Which FPGA or module can fulfill this?
- f) Which interfaces are required?
- g) Are there any special requirements which have to be added?
- 3. When you have created your design, send it to us by e-mail. We will be happy to arrange an appointment with you and advise you on your design and we are available to you as a project partner.

We are looking forward to your feedback and your experiences!

You can find more information about the platform and the modules here:

- www.hema.de/en/services/embedded-vision-platform
- www.hema.de/en/services/fpga-module-world

Please feel free to tell your colleagues about our Vision System Configurator!



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Vision System Configurator



leading technologies

FMC MIPI DSI HDMI Analog Video Out SDI Out (3G/6G/12G) Display Port Arduino Shield Compatible Put together your Baseboard according your own requirements! CameraLink Out V-by-One WIFI/BT FPD-Link/GMSL smart power supply Video Buffer, Converter, Processing HEMA BASEBOARD SD Card Micro Temperatur-**FPGA MODULE ENCLUSTRA** 512 MB Flash ☐ Mercury+ XU8 ☐ Mercury+ XU9 ☐ Mercury+ XU7 ☐ Mercury+ XU1 ☐ Mercury XU5 EEPROM Gigabit Ethernet/TSN SDI In (3G/6G/12G) Analog Video In CameraLink In UART/12C/SPI PMOD/ZMOD USB 3.0/2.0 MIPI CSI SATA PCle SAN