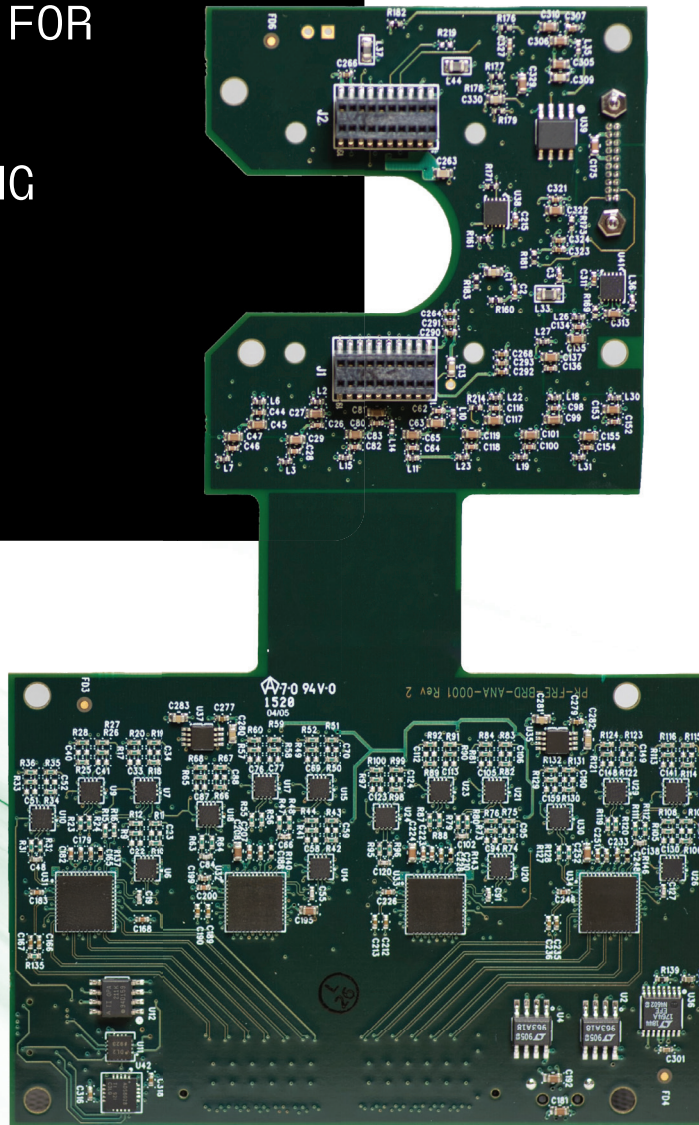


VISIONICS

ELECTRONICS FOR
COMMAND AND
CONTROL OF
EO/IR IMAGING
AND LIDAR
SENSORS.



VISIONICS family of compact, low-power camera electronics qualified and available for command and control of sensors for commercial and military applications. Custom solutions available.



FEATURES

- HiRel components
- Compliant with MIL quality standards
- Support for imagers and LiDARs
- Onboard processing for image enhancement and target tracking
- Support for edge computing and AI algorithms
- Field upgradable firmware

APPLICATIONS

- Industrial/commercial
- DoD EO/IR systems

VERSATILITY

- Available for UV, VIS, SWIR, MWIR and LWIR sensors
- Customizable to specific sensors

SPECIFICATIONS*

Sensor Support	Up to 8k x 8k
Data Lanes	1-16 lanes
Data Rate	Up to 3.3 Gbps/lane
Output Formats	10/20/40GigE, LVDS, CML
Output Interface	Copper, Fiber
Command and Control	I2C, SPI, Ethernet, LVDS
Processor	Reconfigurable FPCA
Processing	NUC, BPR, Decimation, Tracking
Firmware	Field upgradable
Power	1-10W
Ambient Temp Range	-55C to 85C
External Trigger	TTL/CMOS, LVDS

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*SAAZ reserves the right to change the specification without prior notice. For updated specifications contact us.

