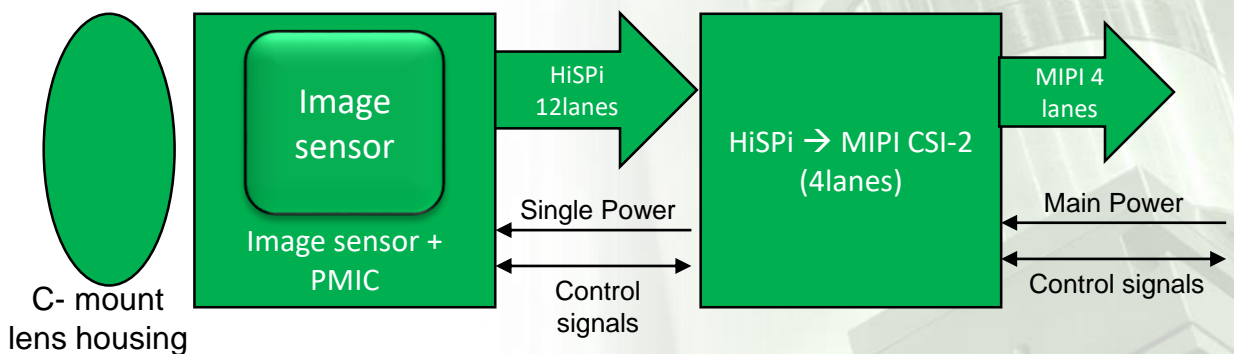# X-Cube XGS 12000 Reference Design

Features

- ✓ XGS reference design for 29 x 29 mm^2 footprint camera
- ✓ FPGA conversion from HiSPi to MIPI output
- ✓ C-mount lens holder
- ✓ Interface to Demo3 / DevWare ecosystem
- ✓ Design files simplify sensor adoption and new camera design

System Solution

Current Proposition

- ✓ 12-lane implementation
- ✓ Master / Slave modes
- ✓ Single +5V Power Supply input
- ✓ Up to 21 fps (12 megapixel resolution)
- ✓ Available for XGS 12000 color and monochrome
- ✓ Scalable to XGS 16000 and smaller devices

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