

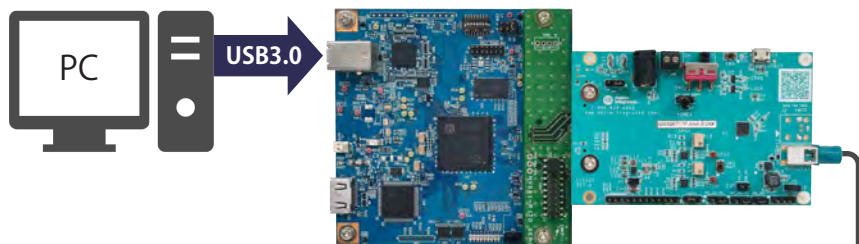
MIPI Generator & Capture with GMSL2 EV Kits

MIPI Video Streaming Capture

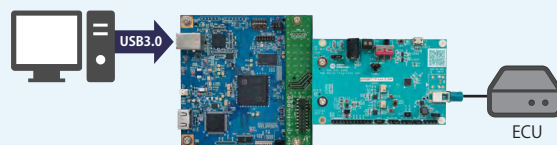
- ◆ MIPI Signal Source : MIPI Generator Board SVO-03-MIPI
- ◆ GMSL2 SerDes : Analog Devices MAX96714 + MAX96717
- ◆ Output Image : YUV422, 1920x1080@60Hz

Configuration

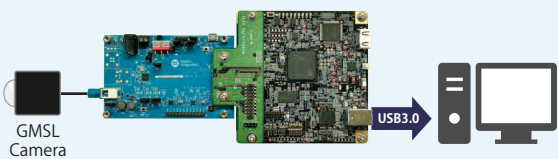
SVO-03-MIPI + NV061-R + Serializer EVKIT



Example of use



Example of use



Deserializer EVKIT + NV061-Q + SVM-06

We developed connection boards for Analog Devices GMSL EV kits and our SV series boards. It is possible to evaluate GMSL Serializers and Deserializers easily.

【MIPI Generator **SVO-03-MIPI**】

SVO-03-MIPI can convert video input from USB or HDMI into MIPI signals for output.



Input :

USB, Slew Rate up to Max 3.2Gbps
HDMI, Up to FHD / 60fps

Output :

MIPI CSI-2(1~4Lane), 950Mbps/Lane

Pixel formats :

YUV422-8bit, RAW 8~20bit, RGB24

【MIPI Capture Board **SVM-06**】

SVM-06 can convert MIPI signals to UVC and HDMI signals for output.



Input :

MIPI CSI-2(1~4Lane), 1.5Gbps/Lane

Output :

UVC, Slew Rate up to Max 3.2Gbps
HDMI, Up to 4k / 30fps

Pixel formats :

YUV422-8bit, RAW 8~20bit, RGB24

