

MIPI Generator & Capture with GMSL2 SerDes Kits

MIPI Video Streaming Capture

- ◆ MIPI Signal Source : MIPI Generator Board SVO-06
- ◆ GMSL2 SerDes : MAX9295A + MAX9296A
- ◆ Output Image : YUV422, 1920x1080@60Hz

Configuration

SVO-06 + GMI-9295A-F



Allows for easy desktop playback of pre-recorded videos stored on the host PC as input to the ECU.

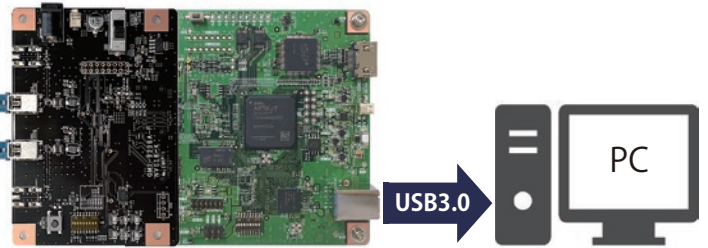
Example of use



Example of use



Allows for easy desktop display or recording of camera output on the host PC or via HDMI.



GMI-9296A-F + SVM-06

【MIPI Generator SVO-06】

SVO-06 can convert video input from USB into MIPI signal output.



Input :

USB, Throughput up to Max 3.2Gbps,
Up to FHD / 60fps

Output :

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

Pixel formats :

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

【MIPI Capture Board SVM-06】

SVM-06 can convert MIPI signal input into UVC and HDMI outputs.



Input :

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

Output :

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

Pixel formats :

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

