

# MPS (4L-8C)

## MPS (4L-8C)

Synchronizing  
4-Channel splitter  
for SIL

### What is

- MPS-4L-8C is an ADAS SIL system serving a splitter solution with analysis of the original & result images.
- The MPS-4L-8C consists of a SerDes interfacing to main ECU and the MPG device of Cellplus Korea

### Highlights

- Super speedy interface
  - Splitting the acquired data into the 8-Channel output units
- Excellent synchronizing
  - Synchronizing logger for 4-Channel camera & 8-Channel splitter
  - Synchronizing of input data (YUV) from 4-Channel
  - Synchronizing of output data (YUV) into 8-Channel

### Applications

- Algorithm Verification

### Technical Details

Input Power	12V / 8.4W / PoC 6.5V	
Interface	Sensor	FPGA-based converter sensor (Converting parallel YUV data into MIPI YUV data)
	DATA - IN	Parallel Interface (up to 1.74Gbps Serial-Bit Rate) MAX96706(GMSL) X 4 Coax type
	DATA - OUT	Up to 8-Channel output available MAX96705(GMSL) X 8 Coax type
Image Resolution	Maximum 1280 X 960 Resolution 30 FPS	
Dimension	146 X 102 X 43 (mm)	



### Cellplus Korea

Cellplus Korea is a rising corporate within the Edge Computing industry. Backed by cutting-edge engineers and professionals, we provide multifarious hardware, software, and engineering services in order to provide AI & Automotive businesses with high-end solutions to reach their highest potential.

www.cellplus.io   sales@cellplus.io   +82-70-5100-4126