

Product features

- Automotive standards-compliant scaler IC
- Algorithm with minimal image quality loss used for upscaler

Product specifications

Model No.	S2D13V52
Supply voltage	3.3 V (I/O)
	1.8 V (internal core)
Input interface	OpenLDI-Rx x 1ch or 2ch (even/odd)
Output interface	OpenLDI-Tx x 1ch or 2ch (even/odd or left/right)
Input resolution	Up to 1920 x 1080 (full HD)
Output resolution	Up to 2880 x 1080 or 2400 x 1400 @60 Hz
Image correction	Gamma correction
Error detection	Input image CRC
	Hsync/Vsync/DE watchdog timer
	OpenLDI input clock check
	Input/output resolution check, other
Automotive standard conformance	AEC-Q100
Operating temperature range	-40 to +105°C
Other	Built-in SSCG
	Built-in PLL
Package	H4QFP15-100-pin (14 mm x 14 mm, t = 1.7 mm, 0.5 mm pitch)