



Produktspektrum

PART No.	Function	Standard	Description
LVDS Receiver & Transmitter			
EP104	Rx	LVDS	single channel LVDS / 90 MHz / 3 x 10 bit / compatible to THC63LVD104
EP106	Rx	LVDS	single channel LVDS / 165 MHz / 3 x 10 bit
EP103	Tx	LVDS	single channel LVDS / 135 MHz / 3 x 10 bit / compatible to THC63LVD103
EP105	Tx	LVDS	single channel LVDS / 165 MHz / 3 x 10 bit
EP107	Tx	LVDS	dual channel LVDS / 270 MHz / 3 x 10 bit
EP387A	Tx	LVDS	dual channel LVDS / 170 MHz / 3 x 8 bit / compatible to DS90C387A
EP124	Bridge	LVDS	2 to 4 LVDS bridge
DVI Receiver & Transmitter			
EP161	Rx	DVI	single channel / 165 MHz / ext. temp. range / comp. to SiI161B
EP161A	Rx	DVI	single channel / 135 MHz / low-cost / comp. to SiI161B
EP263	Rx	DVI	dual DVI / 330 MHz
EP130	Tx	DVI	single channel / HDCP engine
EP169	Rx	DVI/HDCP	single channel / HDCP engine / compatible to SiI169
EP269	RX	DVI/HDCP	Dual Link Receiver with HDCP and 4 ports LVDS outputs
EP902	Tx	DVI/HDCP	incl. 10bit DAC VGA
EP6122	Splitter	DVI	1:2 TMDS splitter
HDMI Receiver & Transmitter			
EP901	Rx	HDMI 1.1	Single port RX w analog 10bit DAC, VGA out, HDCP keys in external EEPROM, upto 165 MHz, upto UXGA and 1080p, 100-pin LQFP
EP903	Rx	HDMI 1.2a	2-port HDMI-In, Digital-Out, HDCP keys in external EEPROM, upto 165MHz, 128-pin LQFP
EP9851	Rx	HDMI 1.2a	Single port RX w analog 10bit DAC, VGA out, HDCP keys in external EEPROM, upto 165 MHz, upto UXGA and 1080p, 64-pin LQFP
EP9853	Rx	HDMI 1.2a	2-port HDMI-In, 10bit DAC VGA+Digital-Out, HDCP keys in external EEPROM, upto 165 MHz, upto UXGA and 1080p, 128-pin LQFP
EP907S	Rx	HDMI 1.3a	3-port HDMI-In, Digital-Out / incl. MCU, internal HDCP keys, automatic HDMI/HDCP management, upto 36-bit deep color mode and 1080p, 176-pin LQFP
EP9353	Rx	HDMI 1.3b	2-port HDMI-In, Digital-Out, HDCP keys in external EEPROM, upto 36-bit deep color mode and 1080p, IIC interface for HDMI control, 128-pin LQFP
EP932M	Tx	HDMI 1.2	single port TX , w/o HDCP; 2,0V supply, upto 1080i, 100-pin LQFP
EP932S	Tx	HDMI 1.2	single port TX, pre-loaded control comp. to SiI9030, HDCP keys internal, upto 165 MHz, 12/24-bit graphic interface, automatic HDMI/HDCP management, 80-pin LQFP
EP932E	Tx	HDMI 1.2	single port TX, HDCP keys internal, upto 12-bit 1080p, 18/36-bit graphic interface, automatic HDMI/HDCP management, firmware update, 80-pin LQFP
EP936S	Tx	HDMI 1.3b	single port TX, SIL compatible, HDCP keys internal, upto 12-bit 1080p, 18/36-bit graphic interface, automatic HDMI/HDCP management, firmware update, 100-pin LQFP
EP936C	Tx	HDMI 1.3b	single port TX w CEC controller, HDCP keys internal, upto 12-bit 1080p, 18/36-bit graphic interface, automatic HDMI/HDCP management, firmware update, 100-pin LQFP
EP936E	Tx	HDMI 1.3b	single port TX, HDCP keys internal, upto 12-bit 1080p, 18/36-bit graphic interface, automatic HDMI/HDCP management, firmware update, 100-pin LQFP
HDMI Splitter/Multiplexer/Repeater/Matrix			
EP9122N	Splitter	HDMI 1.1	1:2 Splitter 3,3V supply, HDCP keys in external EEPROM, 165 MHz, 80-pin LQFP
EP9132	Splitter	HDMI 1.3b	1:2 splitter; 3.3V, 1xHDMI/DVI In w Resampling & 2xHDMI/DVI Out, 12-Bit Deep Color Mode 1080p, HDCP Keys in external EEPROM, 80-pin LQFP
EP9134	Splitter	HDMI 1.3b	1:4 splitter; 1.8V&3,3V Supply, 1xHDMI/DVI In w Resampling & 4xHDMI/DVI Out, 12-Bit Deep Color Mode 1080p, HDCP Keys in external EEPROM, 80-pin LQFP
EP9221	Switch	HDMI 1.2	2:1 Mux, 2xDVI/HDMI In & 1 HDMI/DVI Out, 64-pin TQFP
EP9421	Switch	HDMI 1.2	4:1 Mux, 4xHDMI In & 1xHDMI Out, Upto UXGA, no Keys necessary, 100-pin LQFP
EP9855	Switch	HDMI 1.3	Switch with 3xHDMI In & 1xHDMI Out / 1xAnalogue Out for PIP-PoP, 12-Bit Deep Color Mode 1080p, HDCP Keys in external EEPROM, 128 Pin HQFP
EP9431/A	Switch	HDMI 1.3	switch 4:1, 4xHDMI In w Resampling & 1xHDMI Out, 12-Bit Deep Color Mode 1080p, no Keys necessary, 128-pin LQFP
EP9431/F	Switch	HDMI 1.3	switch 4:1 with an embedded MCU to support CEC , ADC , CIR and GPIO
EP9332	Switch	HDMI 1.3	switch 3:2; 3xHDMI In w Resampling & 2xHDMI Out, 12-Bit Deep Color Mode 1080p, no Keys necessary, 128-pin HQFP
EP9421	Switch	HDMI 1.2	switch 4:1, 4xHDMI In & 1xHDMI Out, Up to UXGA, no Keys necessary, 100-pin LQFP
EP9121	Repeater	HDMI 1.2a	1:1 repeater 1xHDMI In w resampling & 1xHDMI Out, 1080p & UXGA, 48-pin LQFP
EP9131	Repeater	HDMI 1.3b	1:1 repeater 1xHDMI In w resampling & 1xHDMI Out, 12-bit Deep Color Mode 1080p, 48-pin LQFP
EP94A1	Repeater	HDMI 1.3b	4:1 switch with a separate audio , IIS&S/PDIF
EP91A1	Repeater	HDMI 1.3b	1:1 switch with a separate audio , IIS&S/PDIF
EP9432	Matrix	HDMI 1.3b	4:2 full matrix with a separate audio , IIS&S/PDIF
HDMI CEC/EDID Controller			
EPF011C	CEC	HDMI 1.3b	HDMI Consumer Electronics Control for TV; EDID; sink side
EPF012C	CEC	HDMI 1.3b	HDMI CEC controller for source devices incl. Stand-By-Option
Generic MCU w IR decoder			
EPF011A/C/D	uC		uC for Remote Control, Key Board, PWM, SPI, ADC (diff. versions available)