

# MSBL-12M

LVDS Digital Buffer Adapter

## IMAGE



## DEFINITION

- The MSBL-12M convert received LVDS signal from TV Video Board into LVDS to TMDS signal.
- LVDS signal use to test image with panel.
- TMDS signal use to test digital image through PC Digital Capture Board.
- MSBL-12M was made to test LCD, PDP and DLP Video Board.

## SPECIFICATION

LCD, PDP Video Board	LVDS 1 Input	* SMH-24C, SMH-30C (LVDS) connector
		* Receiver DS90CF388A dual pixel LVDS display interface /FPD-Link two device (MASTER/SLAVE)
		* Supports SVGA through QXGA panel resolutions
		* 32.5 to 112/170MHz clock support
		* 8~12 Bit Single/ Dual link
LVDS 1 Output	* SMH-24C, SMH-30C (LVDS) connector	
	* Transmitter DS90C387A dual pixel LVDS display interface /FPD-Link two device (MASTER/SLAVE)	
	* 32.5 to 112/170MHz clock support	
	* 8~12Bit Single/ Dual link	
TMDS 1 Output	* DVI-I connector	
	* SII1160B panel link transmitter two device	
	* Scaleable bandwidth : 25~165MHz (VGA to UXGA)	
	* Flexible interface : Single or dual pixel input at up to 48bit	
Note	Switch select (Single/Dual)	
DLP Video Board	LVDS 1 Input	* DVI-I connector
		* Receiver DS90CF388A dual pixel LVDS display interface /FPD-Link one device
		* Supports SVGA through QXGA panel resolutions
		* 32.5 to 112/170MHz clock support
	TMDS 1 Input	* DVI-I connector
* SII163B panel link receiver one device		
* Support high-resolution displays up to VXGA		
		* Support up to true color panels

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LVDS Digital Buffer Adapter

	LVDS 1 Output	* DVI-I connector
		* Transmitter DS90C387A dual pixel LVDS display interface /FPD-Link one device
		* Supports SVGA through QXGA panel resolutions
	TMDS 1 Output	* DVI-I connector
		* SII170B panel link transmitter one device
		* Scaleable bandwidth : 25~165MHz (VGA to UXGA) * Supports single link operation (8Bit)
	Digital 1 Output	* DVI-I connector
		* SII170B panel link transmitter one device
		* Scaleable bandwidth : 25~165MHz (VGA to UXGA) * Supports single link operation (8Bit)
	Note	LVDS, TMDS Input signal selection (Switch)
General Specification	Power Consumption	100~240VAC, 50/60Hz Auto Switch
	Operating Conditions	* Temperature : 0℃~40℃
		* Humidity : 40%~80%, Non-condensing
	Dimension(WXDXH)	315 X 240 X 55mm, Weight : 1.2Kg

\* All specifications are subject to change without any notice.

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