

MSPG-5140M

3D TESTER LVDS SIGNAL GENERATOR (MULTIMEDIA PLAYER & 3D DISPLAY)

IMAGE



DEFINITION

MSPG-5140M is able to output of LVDS Signal. MSPG-5140M can support Max 500MHz High frequency and MSPG-5140M has Touch Screen & Graph LCD. MSPG-5140M can device up-grade & Option data copy easily by USB Memory Stick. MSPG-5140M supports Backlight Power of LCD Panel. And this can control DC Power(0V ~ 27V) as 0.1V unit step.

In case of Bitmap, MSPG-5140M supports Max 50 pictures (4096 x 2048 Size). User is available to down load Bitmap file. MSPG-5140M supports Multi media player function therefore LCD producer can inspect 3D Display, Video Test, Error Pixel, inspection and so on..

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FEATURE

- ▶ Max 500MHz High Dot Frequency support
- ▶ FPR & Shutter Glass Type of 3D Multi media Player support
- ▶ Bitmap(BMP, JPG, PNG) 4096x2048 Size Max 50 pictures support
- ▶ 1920 x 1080p 50/60Hz/100/120Hz 3D Video Format support
- ▶ External HDMI signal(PC or Blue Ray) convert as LVDS Signal. HDMI Port(Ver. 1.3)
- ▶ Backlight(VBL)/T-com Board(VDD) Power +0.1V unit variable possibilyt
- ▶ IR Emitter Connect
- ▶ UBS Memory(Ver 2.0) & Hard Disk(SSD SATA Type) select possible
- ▶ LVDS output of Slot Type to easy change for repair(V by one / EDP/ HDMI Slot support)
- ▶ **Color Data Transfer Bit 6, 8, 10Bit support**
- ▶ PC control program support by Ethernet comunication (Developing)
- ▶ User can select Master & Slave Even, Odd Data
- ▶ **PVCOM Control possible**

PATTERN



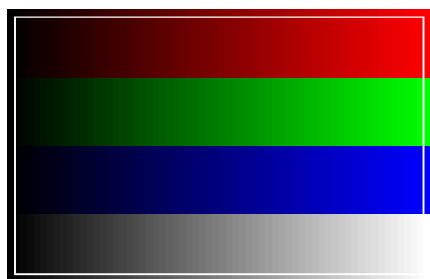
Multimedia Player(MPEG)



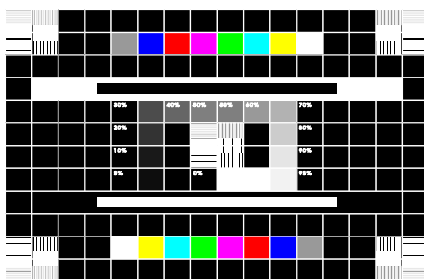
Bitmap(BMP)



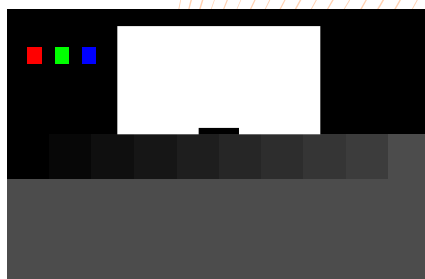
3D Image(side by side)



W, R, G, B 64 Step Pattern



Combination Pattern



White Balance Pattern

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SPECIFICATION(GENRATOR PART)

Pixel Clock	Single Link: 25MHz ~ 100MHz
	Dual Link : 50MHz ~ 250MHz
	Quad Link : 100MHz ~ 500MHz (Bitmap: 130MHz ~ 460MHz)
LVDS Output	Output Port: Master, Slave 2Port(50P-3M Connector)
	Format : Vesa, Jeida, Non Jeida
	Bit Rate : 6 / 8 / 10Bit
3D Format	Side by Side(Half), Top & Bottom, Frame Packing(up to 720P)
	Frame Sequential(up to 1080P)
3D Mode	Shutter Glass Type(3D Shutter Glass Type)
	FPR Type(Film Patterned Retarder Type)
	IR Emitter Connector (Min_Din 3P)
Data Storage Device	Timing: 999 Timing(User: 1~500, Default: 501~999)
	Pattern: 999 Pattern(User: 1~500, Default: 501~999)
Scan & Function Group	Scan Storage: 99 Group(1 Group: 24 Step)
	Function Storage: 99 Group(1 Group: 32 Step)
Others	Resolution: 4096 x 2048 Bitmap Image Size
	User Interface: * Touchscreen(Graphic LCD: 800x480)
	* USB, Rs-232C, LAN, PC GUI, Remote Controller
Dimension (W x D x H)	260(width) x 290(length) x 151(high) mm
	Weight: 6.5 Kg

** All specification are subject to change without any notice.

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3D TESTER LVDS SIGNAL GENERATOR (MULTIMEDIA PLAYER & 3D DISPLAY)

SPECIFICATION(MULTIMEDIA PLAYER PART)

Input	USB Port : Ver 2.0(Bitrate: Max 20Mbps)
	Hard Disk : SSD SATA Type, 32GB(Bitrate: Max 40Mbps)
	HDMI Port: * HDMI 1.3 Ver
	* 25~165MHz(TMDS Clock: 25~225MHz)
Pixel Clock	Single Link: 25MHz ~ 75MHz
	Dual Link : 50MHz ~ 150MHz
	Quad Link : 297MHz (Fixed)
LVDS Output	Output Port : Master, Slave 2Port(50P-3M Connector)
	LVDS Format: VESA, JEIDA, NON JEIDA
	Bit Rate : 8 Bit
3D Format	Side by Side(Half), Top & Bottom, Frame Packing(up to 720P)
3D Mode	Shutter Glass Type(3D Shutter Glass Type)
	FPR Type(Film Patterned Retarder Type)
	IR Emitter Connector (Min_Din 3P)
Resolution	1366x768(50 / 60Hz)
	1920x1080P(50 / 60 / 100 / 120Hz)
Codec	Video: MPEG1, 2, 4(MPEG4 V2, WMV1, 2 is not support) / MJPEG / AVI / WMV / TP
	Photo: BMP, JPEG, PNG
	Resolution: 1920x1080P 30fps(Bitrate 20Mbps)

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SPECIFICATION(SMPS PART)

Input	100~240VAC, 50 / 60Hz(635W)
Output	VDD: DC 0~13V / Max 5A / 65W(0.1V Unit Variable possibility)
	VBL: DC 0~27V / Max 20A / 540W(0.1V Unit Variable possibility)
	PWM_Dimm support (CLK: 50~20000Hz, DUTY: 0~100%)
	A_Dimm: DC 0~10V / Max 3A / 30W(0.1V Unit Variable possibility)

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ACCESSORY LIST

No.	Item	Unit	EA	Note
1	Remote Control (MSRC-007L)	Set	1	Cable length : 2m
2	LVDS Cable	EA	2	Master(51P), Slave(41P)
3	Back Light Power Cable	EA	2	TV(14P) & Monitor(12P) Type
4	Hard Case	EA	1	
5	AC 220V Power Cable	EA	1	
6	CD Manual	EA	1	

REMOTE CONTROL IMAGE



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