



MSPG-5800 Specification

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MSPG-5800 (UHD Generator)

Slot-type V by one Signal and LVDS Signal Generator



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<Vx1 Slot Board>



<LVDS Slot Board >

MSPG-5800 supports UHD resolution(3840x2160/60Hz, 3840x2160/120Hz). Supports High-speed Vx1 16Lane bandwidth and outputs Maximum 1.2Ghz Dot Frequency.

MSPG-5800 designed LVDS interface type. So, It can test the HD and FHD panel display. (up to FHD1920x1080/120Hz)

Users can select the board type of 'V by one slot' or 'LVDS slot' type.

It designed replaceable slot-type.

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V by one Outputs	<ul style="list-style-type: none">▪ Supports resolution : 3840x2160/60Hz &120Hz , Up to Dot Frequency 1.2Ghz▪ Interface : V by one ,Maximum 16Lane bandwidth▪ Bit rate : 8bit/10bit▪ Pixel Data Mode : 1, 2, 4, 8 Division▪ Dot CLK : 50 ~ 85Mhz, 0.01Mhz unit change▪ FI_RE_51HL type of 2 Channel Slot Type
LVDS Outputs	<ul style="list-style-type: none">▪ Supports resolution : 1366x768/60Hz, 1920x1080/60Hz, 1920x1080/120Hz Supports up to Dot Frequency 500Mhz▪ Single Mode (25MHz ~ 100MHz), Dual Mode (50MHz ~ 200MHz), Quad Mode (100MHz ~ 500MHz) Supports▪ Interface : LVDS type▪ Replaceable bit rate 6bit/8bit/10bit▪ 3M corp. (50pin) 2 Channel of Slot Type▪ Replaceable VESA Format, JEIDA Format and Non JEIDA Format
Smart Edit Menu	<ul style="list-style-type: none">▪ Comfortable user interface of simple GUI▪ Front Touch panel▪ Edit Scan Group : Maximum 99 Group edit (1Group supports 40 steps)▪ Edit Function Group : Maximum 99 Group edit (1Group supports 30 steps)
Supports various patterns	<ul style="list-style-type: none">▪ For the test of Color purity R,G,B pattern & For the test of Linearity, Linearity pattern & For the test of Auto color gain, Color pattern & For the test of Auto Adjustment, Auto Adjustment pattern etc., provide various patterns.▪ Supports output image pattern of HD, FHD, UHD(3840x2160/60Hz)

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IR Remote Function	<ul style="list-style-type: none">▪ Use for any of TV Remote control, Call or replace the function of VDD On/Off, Timing & Pattern change, Function Group and Scan Group etc.,
Maximum Data Storage	<ul style="list-style-type: none">▪ Save Patterns Maximum 999 (User : 1~500, Default : 501~999)▪ Save Timing Maximum 999 (User : 1~500, Default : 501~999)
Supports Subsidiary Functions	<ul style="list-style-type: none">▪ Easy to Program Up grade, Option Data copy and Back up the data by use USB Memory stick▪ Supports USB Mouse▪ Supports moving control function and Supports Patterns of Character, Color , OSD▪ Easy to control by Up & Down button for the test of Dot clock, H-Frequency, V-Frequency▪ Auto Brightness Up& Down function▪ Users can easy change V by one and LVDS Slot board▪ Supports Safety mode▪ Supports Pass Word Function
Touch Screen	<ul style="list-style-type: none">▪ Graphic LCD Resolution (1600x1000)
Dimension (W x D x H)	<ul style="list-style-type: none">▪ 330 x 320 x 140 mm, Weight : 5.6Kg

