

TG35AXK03 HDMI Output Unit Upgrade

--- Version 1.1, for TG35 series Digital Test Signal Generator ---

■ Features

This upgrade is an option for TG35AX003 of Test Signal Generator TG35 series HDMI output unit. It is able to add “1920 * 1080p @ 59.94/60 Hz (VIC 16)” and “1920 * 1080p @ 50 Hz (VIC 31)” formats newly.

This upgrade is suitable for the quality of output confirmation in the variety measurement of the possible HDMI interface and the double scanning that 1080p input is adopted in LCD & PDP TVs and the comparison.

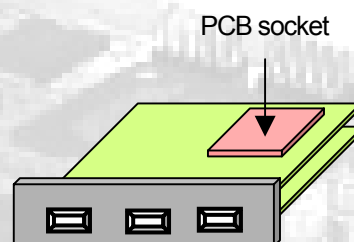
As for the optional still picture signal, it may become purchase separately.

■ HDMI Spec Ver.1.1 Formats

VIC	Video Description
1	640 * 480 p @ 60 Hz
2,3	720 * 480p @ 59.94/60 Hz
4	1280 * 720 @ 59.94/60 Hz
5	1920 * 1080i @ 59.94/60 Hz
6,7	720 (1440) * 480i @ 59.94/60 Hz
8,9	720 (1440) * 240p @ 59.94/60 Hz
10,11	2880 * 480i @ 59.94/60 Hz
12,13	2880 * 240p @ 59.94/60 Hz
14,15	1440 * 480p @ 59.94/60 Hz
16	1920 * 1080p @ 59.94/60 Hz
17,18	720 * 576p @ 50 Hz
19	1280 * 720p @ 50 Hz
20	1920 * 1080i @ 50 Hz
21,22	720 (1440) * 576i @ 50 Hz
23,24	720 (1440) * 288p @ 50 Hz
25,26	2880 * 576i @ 50 Hz
27,28	2880 * 288 @ 50 Hz
29,30	1440 * 576p @ 50 Hz
31	1920 * 1080p @ 50 Hz
32	1920 * 1080p @ 23.97/24 Hz
33	1920 * 1080p @ 25 Hz
34	1920 * 1080p @ 29.97/30 Hz

■ Upgraded Information

- ◇ HDMI Tx PHY is exchanged SiI9190 to SiI9030 with PCB socket.
- ◇ Upgrade of the firmware for SiI9030 is carried out.



ShibaSoku Co.,Ltd.

International Sales Dept.

848, Wakamatsu-cho, Tokorozawa-shi, Saitama, 213-0011 Japan

Phone: +81-4-2996-3414 Fax: +81-4-2996-3419

ShibaSoku Taiwan Co., Ltd.

5F, No.39, Shi-Wei St., San-Chung City, Taipei Hsien, Taiwan

Phone: +886-2-8985-0960 Fax: +886-2-8985-1306

Asaca/ShibaSoku Corp. of America

400 Corporate Circle, Suite G, Golden, CO 80401, U.S.A

Phone: +1-303-278-1111 Fax: +1-303-278-0303 URL: <http://www.asaca.com>

Mail to: info@shibasoku.co.jp

URL: <http://www.shibasoku.com/>