System configuration where color shift occurs
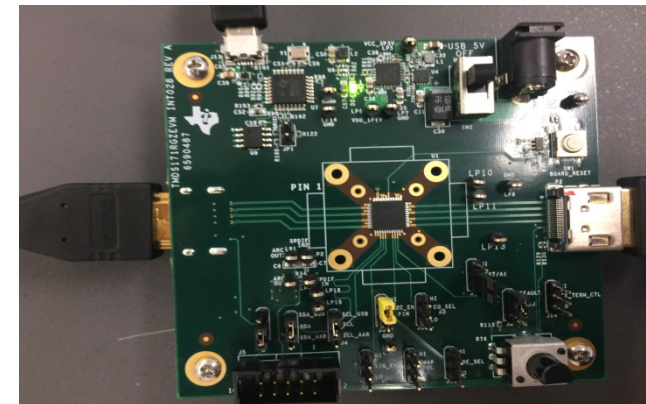

ASTRO : VG-870

Digital Video Generator

DVI

Convert Secondary to Primary

HDMI

TMDS171EVM

HDMI

monitor

WQXGA
（2560x1600）

Full HD monitor is also possible.
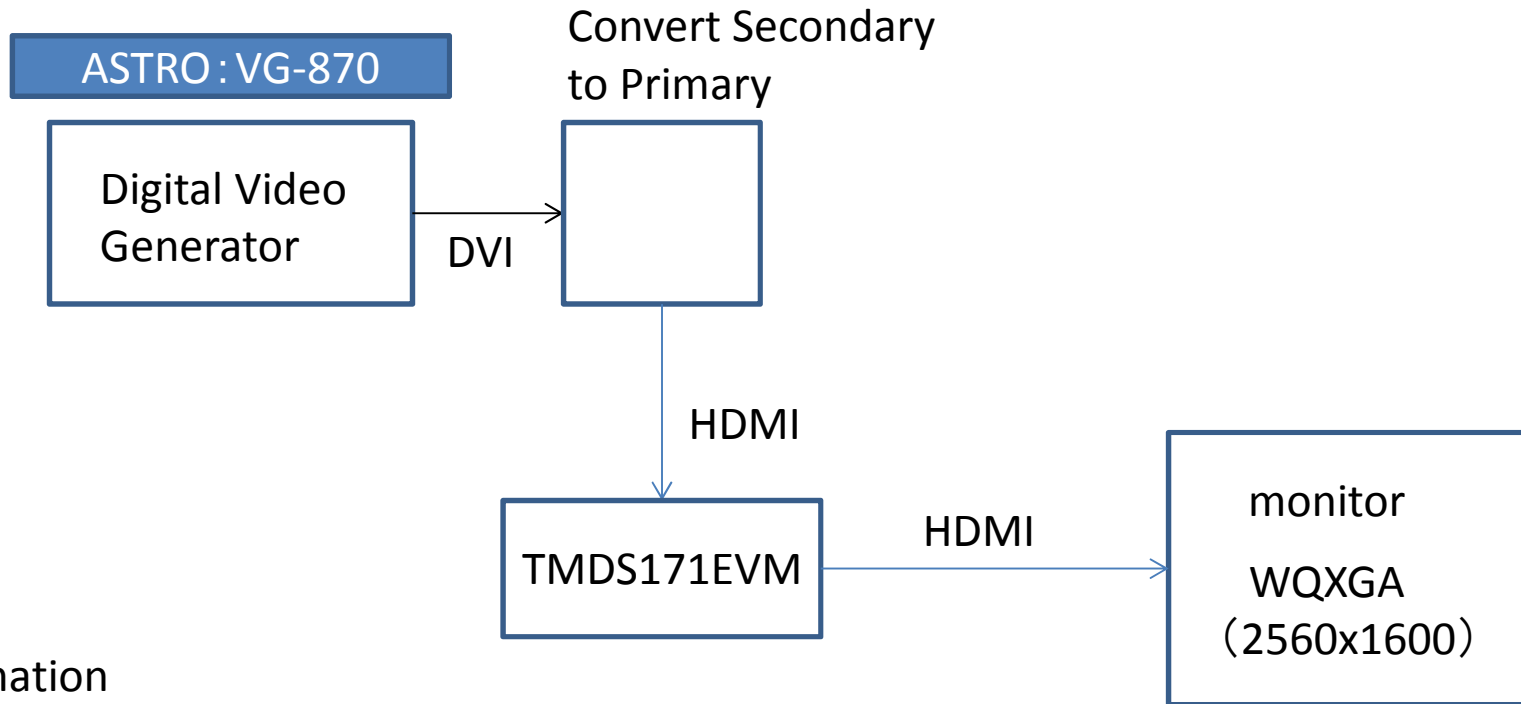
Confirmation
Do you have VG - 870 of Astro?

・It is reproduced when ON / OFF is executed about 30 times by clock switching of VG - 870.

・The EVM jumper is the initial value.
・ Color shift is. It happens only in retimer mode.
・ After color shift occurred,
　Writing "1" to "0x0A [2] APPLY_RXTX_CHANGES bit" eliminates color shift

Picture of the EVM that tested