

ERRATA

ERA-150801

Summary Title:

Change Notification #:	ERA-150801 V0.1
Change Title:	LVDS EDID function doesn't work.
Date of Publication:	August 21th , 2015

Issue Description:

Specific SOM products LVDS interface do not support EDID function.

Implication:

Those SOM products using Chrontel CH7511B to transfer eDP signals to LVDS signals cannot support EDID function due to CH7511B functional limitations. EDID is a series parameter of panel embedded on panel side that helps chipset to adjust LVDS output resolution, timing, and other necessary setting accordingly. User can also use alternative way to preset the value in BIOS or another EEPROM onboard.

Workaround:

Short term: No fix.

Workaround: Customized BIOS for specify panel resolution.

Long term: Planning to design new LVDS chip which supports EDID function in the next generation project.

Affected Models:

SOM-4466 series
 SOM-6867 series
 SOM-6894 series
 SOM-6896 series
 SOM-5894 series
 SOM-5893 series
 SOM-7567 series