Hi Preetham, Neeraj,

The tool for “CLI interface for LCC command” is on the google drive.

Collaborations/Software/Mainboard Images For P1.5/LA2.0/Testing_Image/tool for CLI interface for LCC command/lcc_cli_tool

https://drive.google.com/drive/folders/0B1QScg0Cj0IdUW5ldEFiNjU0VFk

It will support:
1. Able to send LCC command and return once the Interrupt is generated if the interrupt for the command is enabled.
2. If the interrupt is not enabled then it should return once the command is sent to the ASIC Firmware.
3. Support read command.

What I test is using trigger the interrupt by manually because we don’t get the f/w with the interrupt function yet.

Usage:

Write:
./<CLI executable_name> w <LCC_CMD>

Read:
./<CLI_executable_name> r <command_id> <bytes_to_read>

For example:

Open camera C5 with int disable
lcc_cli_tool w "0x00 0x00 0x00 0x80 0x00 0x02"
Open camera C5 with int enable
lcc_cli_tool w "0x00 0x80 0x00 0x80 0x00 0x02"

Set UCID as preview with int disable
lcc_cli_tool w "0x00 0x10 0x03 0x00"
Set UCID as preview with int enable
lcc_cli_tool w "0x00 0x90 0x03 0x00"

Start C5 streaming with int disable
lcc_cli_tool w “0x02 0x00 0x00 0x80 0x00 0x11 0x01 0x00”
Start C5 streaming with int enable
lcc_cli_tool w “0x02 0x80 0x00 0x80 0x00 0x11 0x01 0x00”

Read UCID status with int disable
lcc_cli_tool w “0x00 0x10”
lcc_cli_tool r “0x00 0x10” 2

Read UCID status with int enable
lcc_cli_tool w “0x00 0x90”
lcc_cli_tool r “0x00 0x90” 2

BR,

James