BOX MODE #3

7364

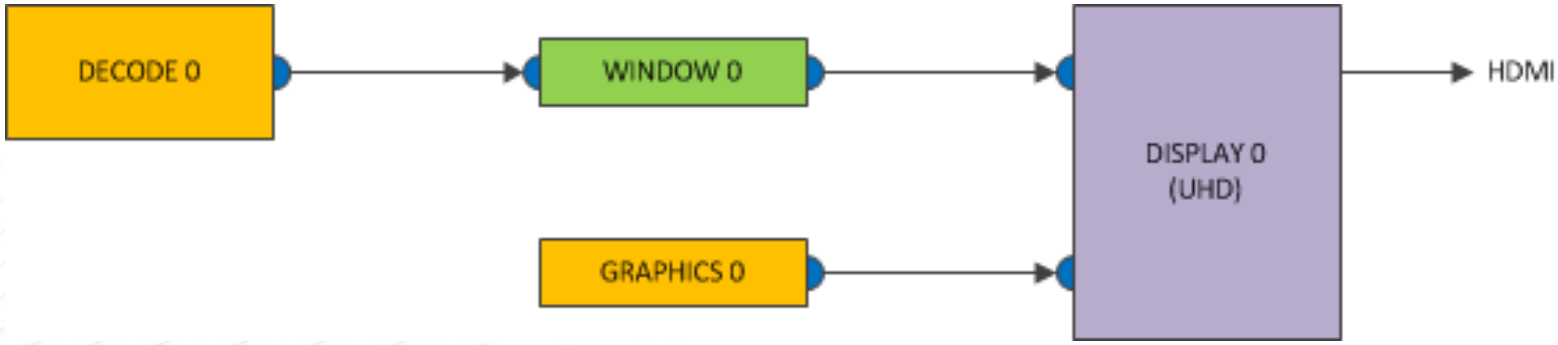
Broadcom Proprietary and Confidential. © 2014 Broadcom Corporation. All rights reserved.

BOX MODE #3 – SUMMARY

- **Required memory speed: 1x 16-bit DDR3-1600 or DDR4-1600**
  - SCB must be set to 216 Mhz
- **Features**
  - 1080p60 8-bit HEVC / AVC main decode
  - MAIN to UHD display (through up-scaling)
  - No PIP
  - No SD display
  - No transcode

Broadcom Proprietary and Confidential. © 2014 Broadcom Corporation. All rights reserved.

POSSIBLE VIDEO ROUTINGS



Broadcom Proprietary and Confidential. © 2014 Broadcom Corporation. All rights reserved.

SOURCE LIMITATIONS

- **For each source, you may toggle between any of the provided options.**
  - Only one option enabled at a given time.
- **Decode 0 (MAIN)**
  - 1080p60 8-bit HEVC
  - 1080p60 8-bit AVC
- **Graphics 0 (UHD)**
  - 1080p60 32-bit ARGB

Broadcom Proprietary and Confidential. © 2014 Broadcom Corporation. All rights reserved.

WINDOW LIMITATIONS

- **Window 0 (MAIN / UHD)**
  - Up to full-screen display
  - 1080i60 8-bit de-interlacing

Broadcom Proprietary and Confidential. © 2014 Broadcom Corporation. All rights reserved.

DISPLAY AND ENCODE LIMITATIONS

- **Display 0 (HD)**
  - 3840x2160p60 12-bit 4:2:0 (HDMI)
  - 3840x2160p60 12-bit 4:2:2 (HDMI)
  - 3840x2160p60 8-bit 4:4:4 (HDMI)

Broadcom Proprietary and Confidential. © 2014 Broadcom Corporation. All rights reserved.