

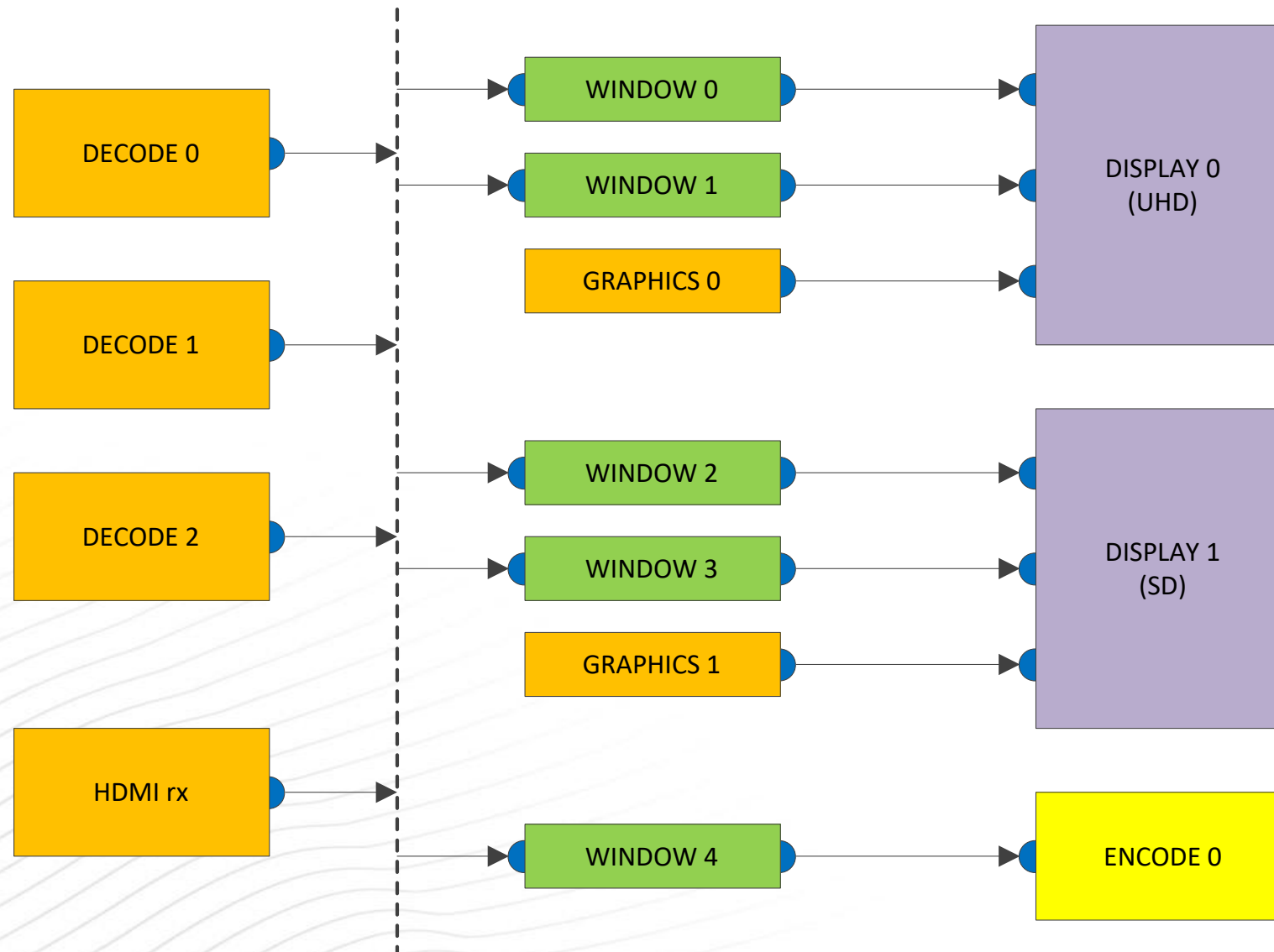
BOX MODE #31

7439 Bx



- **Required memory speed: 2x 32 bit DDR4-2400**
 - High-temp refresh supported
- **Features:**
 - One 3840x2160p60 decoder + two 1920x1080p50 decoders
 - UHD + SD display
 - MAIN + PIP supported
 - Multi-PIP (3+1) supported
 - HDMI input supported
 - 720p60 encoding

POSSIBLE VIDEO ROUTINGS



- **For each source, you may toggle between any of the provided options.**
 - Only one option enabled at a given time.
- **Decode 0**
 - 3840x2160p60 10-bit HEVC
 - 3840x2160p60 8-bit VP9
 - 1920x1080p60 8-bit AVC / MPEG2
 - Multi-PIP mode (3x):
 - 1920x1080p30 / 60i 10-bit HEVC
 - 1920x1080p30 / 60i 8-bit VP9 / AVC / MPEG2
 - MTG disabled
- **Decode 1 / 2**
 - 1080p50 10-bit HEVC
 - 1080p50 8-bit VP9 / AVC / MPEG2
 - MTG disabled
- **HDMI rx**
 - 3840x2160p60
- **Graphics 0 (HD)**
 - 1080p60 32-bit ARGB
- **Graphics 1 (SD)**
 - 480p60 32-bit ARGB
 - 576p50 32-bit ARGB

Decoder	MFD	Hardware
Decode 0	MFD0	HVD0
Decode 1	MFD1	HVD1
Decode 2	MFD2	HVD1

■ Window 0 (MAIN / UHD)

- Up to full-screen display (smooth scaling)
- 1080i60 10-bit de-interlacing
- Multi-PIP mode (3x):
 - Up to 25% of the display canvas used for each window.
 - 480i60 8-bit de-interlacing

■ Window 1 (PIP / UHD)

- Up to full-screen display (smooth scaling)
- 1080i60 10-bit de-interlacing

■ Window 2 (MAIN / SD)

- Up to full-screen display (smooth scaling)
- Multi-PIP mode (3x):
 - Up to 25% of the display canvas used for each window.

■ Window 3 (PIP / SD)

- Up to full-screen display (smooth scaling)

■ Window 4 (Encode 0)

- Full-screen only
- 1080i60 8-bit de-interlacing

- **Display 0 (UHD)**

- 3840x2160p60

- **Display 1 (SD)**

- 480i60
- 576i50

- **Encode 0**

- 720p60 8-bit