

Ittiam MPEG-2 MP Encoder Datasheet

Description

The main profile of MPEG-2 is extensively used for achieving good video quality in applications such as entertainment, surveillance, and video streaming. This data sheet contains the features supported and the performance numbers for Ittiam MPEG-2 MP encoder on TI's C64x+ platform.

Features

- Produces streams compliant with MPEG-2 MP syntax.
- The interface is TI XDML and XDAIS compliant.
- The encoder is compliant with TI IDMA3 interfaces and TI ACPY3 callbacks.
- Supports YUV420 planar and YUV422i as raw video input formats.
- Supports Rate Control to generate a CBR stream over a configurable time window (of the order of tens of milliseconds).

Encoder Validation

The MPEG-2 encoder implementation has been verified by decoding the streams produced by it with the standard reference decoder.

Notice

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