

Ittiam H.264 Baseline Profile Decoder Datasheet

Description

The baseline profile of ITU-T H.264 is extensively used for achieving good video quality at low bit-rates and reasonable computational complexity in applications such as video telephony, surveillance, and video streaming. This data sheet contains the features supported and the performance numbers for Ittiam H.264 baseline profile decoder on TI's C64x+ platform.

Features

- Decodes streams compliant with H.264 Baseline Profile up to level 3.
- The interface is TI XDML and XDAIS compliant.
- The decoder is compliant with TI IDMA3 interfaces and TI ACPY3 callbacks.
- Supports YUV420 planar and YUV422i as raw video output formats. Evaluation version supports only YUV422i as raw output format.
- Decoder does error concealment in the case of lost slices.

Decoder Validation

The H.264 BP decoder implementation has been verified by decoding the same streams with the JM reference decoder and comparing the two's outputs for bit-compliance.

Notice

Ittiam Systems reserves the right to make changes to its products or discontinue any of its products or offerings without notice. Ittiam warrants the performance of its products to the specifications applicable at the time of sale in accordance with Ittiam's standard warranty.



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