

# H.264 Baseline Profile Encoder Version 1.14

## Release Notes

July 2008

Build ID: 1.14.003

The release note is divided into the following sections:

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### New In This Release

- This is the first release of H264 Baseline Profile Encoder on DM648.

### Validation Information

Release Configuration	Description	Validation Platform
DM648_TNETV2685_BP_001	H.264 Baseline Profile Encoder which uses VICP of DM648/TNETV2685	DM648/TNETV2685 <a href="#">[Datasheet]</a> <a href="#">[User Guide]</a>

This release is validated on the following:

- DM648/TNETV2685 EVM
  - Framework Component (FC) version 1.10.01
  - DSP/BIOS™ version 5.31
  - Code Generation Tool version 6.0.7



## Fixed In This Release

- None

## Known Issues

<b>Defect ID</b>	<b>Description</b>	<b>Applicable Release Configuration</b>
CDMR00001377	The library and application builds with warnings	DM648_TNETV2685_BP_001
CDMR0001623	Macro block too large. The number of bits of macroblock_layer () data must not exceed 3200 bits	DM648_TNETV2685_BP_001
CDMR00003035	High CPU load for high motion interlaced content	DM648_TNETV2685_BP_001
CDMR00003039	maxBytesPerSlice requirement may not meet for very less size	DM648_TNETV2685_BP_001
CDMR00002799	Capture width different from actual width is not supported	DM648_TNETV2685_BP_001
CDMR00002477	Video quality artifacts observed with interlaced content	DM648_TNETV2685_BP_001
CDMR00003380	Frame drops observed at 2 mbps with CBR for complex sequences	DM648_TNETV2685_BP_001
CDMR00003381	Encoder estimates motion for sequence with no motion	DM648_TNETV2685_BP_001
CDMR00004750	Non-repeatable motion vectors with few input sequences	DM648_TNETV2685_BP_001
CDMR00004890	H.264 Encoder CPU load goes to 100% when hand covers camera	DM648_TNETV2685_BP_001