

Abstract

An auxiliary video data slicer includes a peak detector for determining the peak amplitude of horizontal sync pulses in the video signal. A threshold value for detecting the leading edge of sync pulses is derived from the peak amplitude of the sync pulses. The location of a run-in-clock (RIC) waveform interval within a particular line of video is determined based on the detection of a sync pulse edge. The peak detector determines the amplitude of the RIC signal during the RIC interval. A data slicing level for extracting auxiliary video information is derived from the peak value of the RIC signal. The auxiliary video data slicer may be implemented in an integrated circuit.

This Sheet Has Been Replaced

