

This Sheet Has Been Replaced

ABSTRACT

A signal slicer of a sync separator includes a comparator (29) for generating an output signal in accordance with a difference between a black level restored video signal (V_{IPC}) and a slice level (V_{SLICE}). The slice level is established dynamically, in accordance with the peak level (V_{IPC}) of the sync pulse between the peak of the sync pulse and the black level. When the sync pulse occurs in the video signal, the output signal of the signal slicer assumes an active, first logical state (first); conversely, between consecutively occurring sync pulses, the output signal assumes an inactive, second logical state (second). The slice level is clamped to a predetermined level ($9/7 V_{be}$) to prevent the occurrence of the first logical state when no video signal is received.