LINE STORE MONITOR DETECTOR, UNIT ONE UN20/524

The detector is part of an MN2/514 Automatic Monitor for Line Store Converters. Fig. 1 is a block text diagram of the unit.

The unit is constructed on a CH1/12A chassis with index peg positions 30 and 34.

Test and Alignment Procedure

The UN20/524 must be adjusted only as part of the parent equipment.

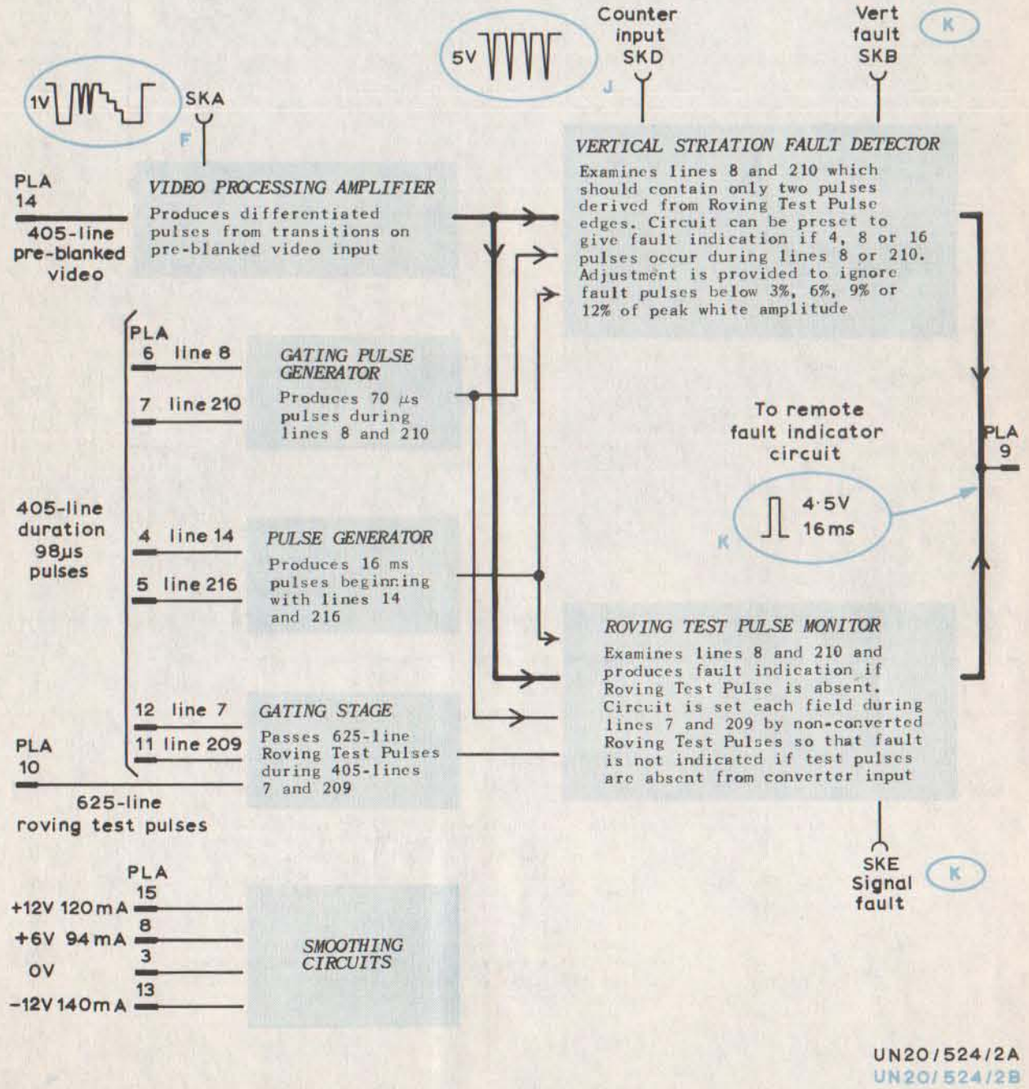
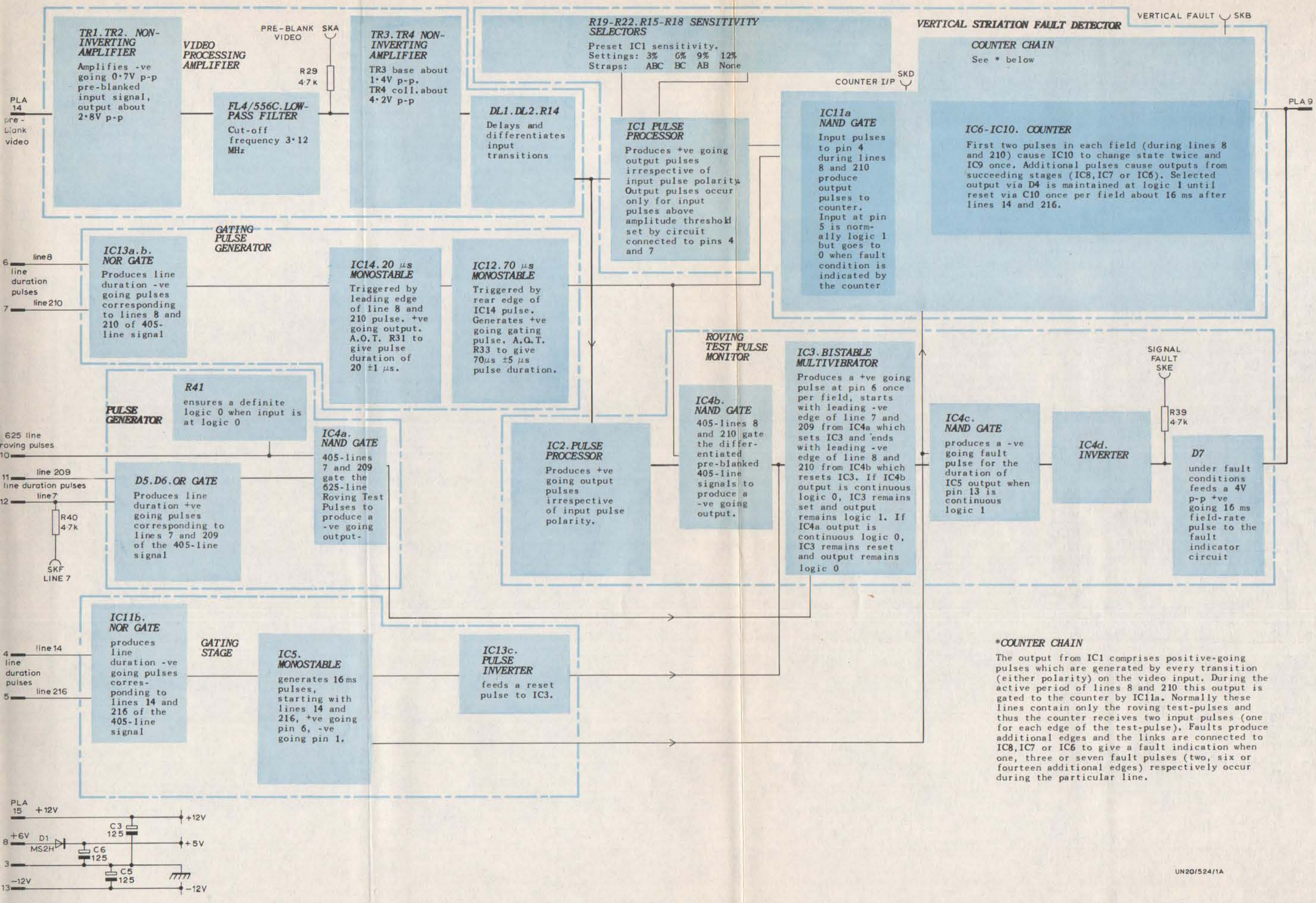


Fig. 1 Block Text Diagram

The remainder of this Instruction comprises the following:

This Technical Instruction is prepared in a new form of visual presentation. To assist in evaluation and development of the techniques comments are invited and should be sent to:

Head of Technical Publications Section
Wood Norton



COUNTER CHAIN

The output from IC1 comprises positive-going pulses which are generated by every transition (either polarity) on the video input. During the active period of lines 8 and 210 this output is gated to the counter by IC11a. Normally these lines contain only the roving test-pulses and thus the counter receives two input pulses (one for each edge of the test-pulse). Faults produce additional edges and the links are connected to IC8, IC7 or IC6 to give a fault indication when one, three or seven fault pulses (two, six or fourteen additional edges) respectively occur during the particular line.

UN20/524/1A

Fig. 2A Block Text Diagram

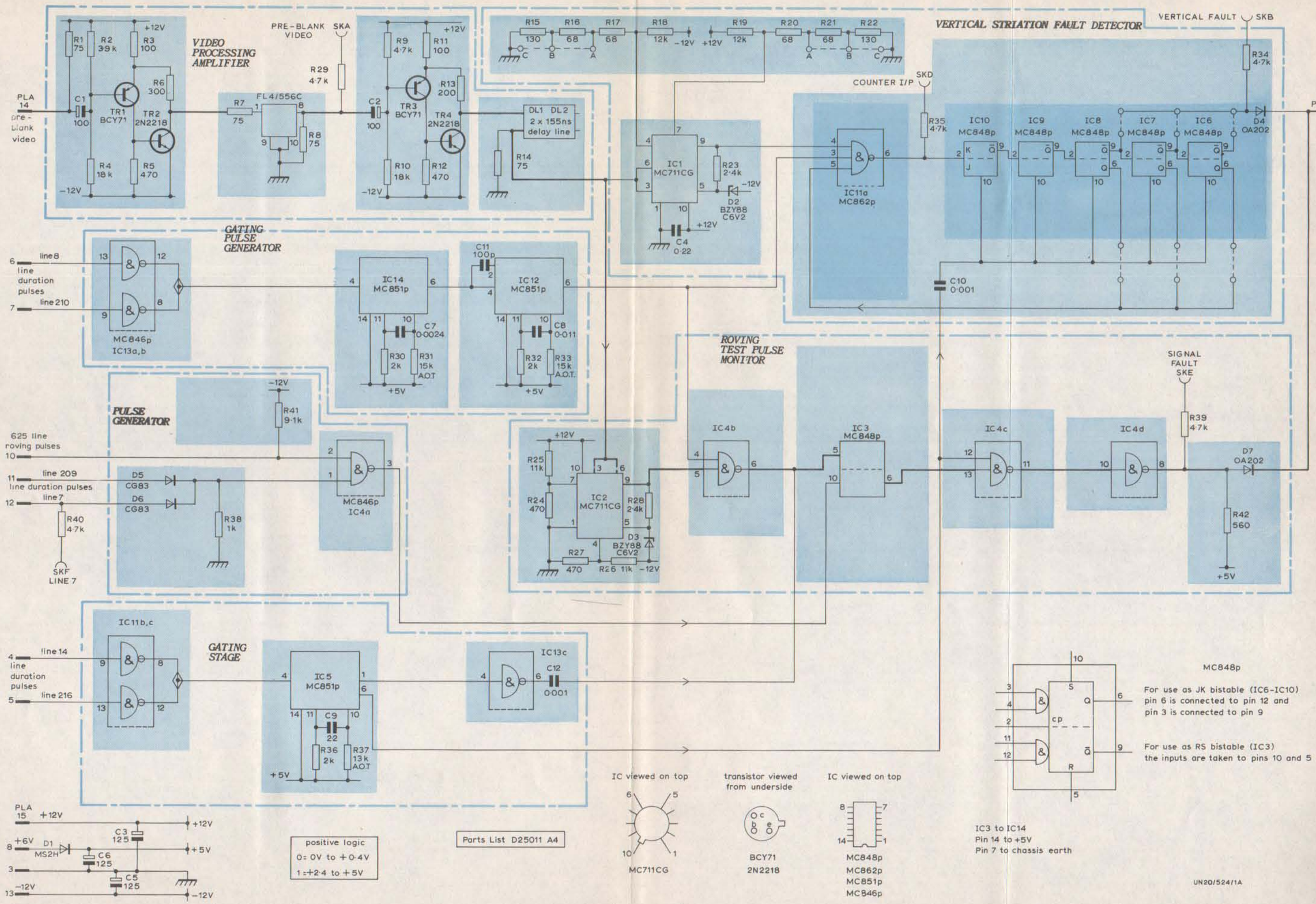


Fig. 2B Functional Circuit Diagram