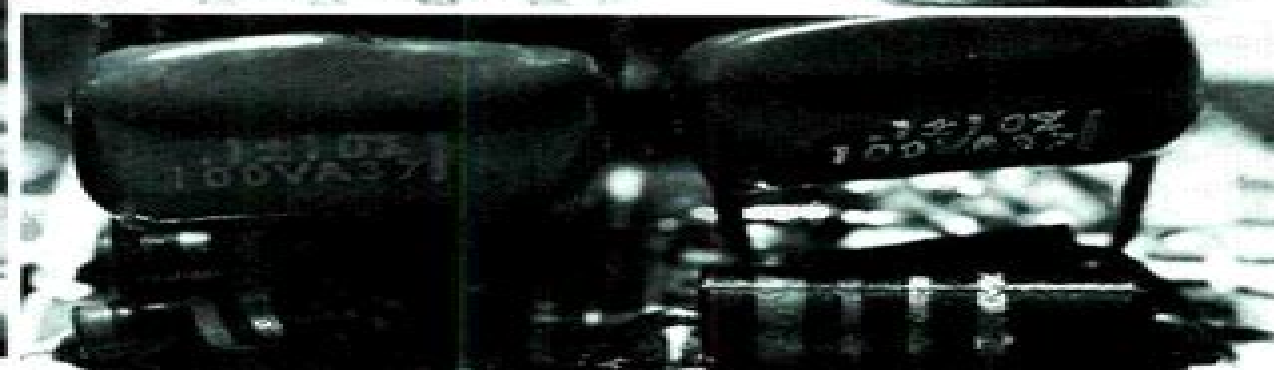
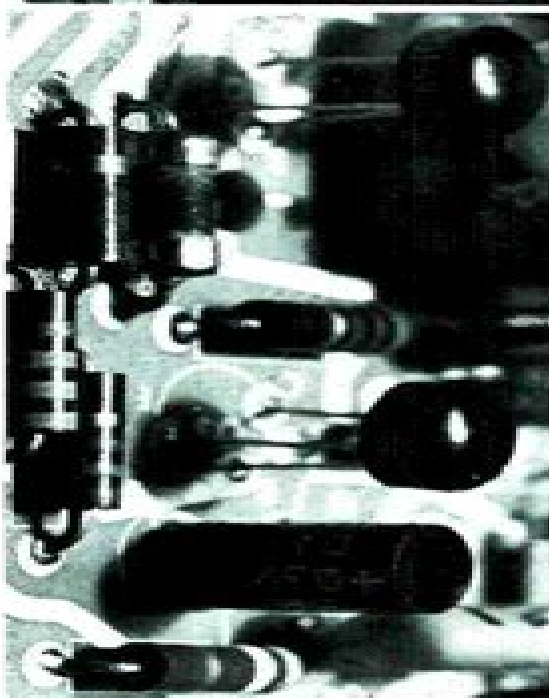




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New-generation color-TV receiver

E. Lemke | J. A. Konkert

The design of an entirely new color-TV receiver represents an intriguing and unusual challenge to the design engineer. Using several new technical advances—e.g., thick-film ceramic circuits, high-component-density linear integrated circuits, wide-angle picture tube—the designers of the CTC-49 color televisor have been able to develop a product that should receive a high degree of customer acceptance for its performance, reliability, and ease of maintenance—yet a product that is optimized for ease of manufacture and its ability to accept design changes without being completely redesigned. This design represents, perhaps, the greatest single departure from traditional circuitry and techniques in consumer electronics. The primary purpose has been to reduce the total circuitry into small, easily identifiable, independently aligned and, therefore, totally interchangeable functional modules.

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