

J98726DF-1, L1 CSDC MTCE CHANNEL UNIT D4DC100

DATA SHEET

D4 CHANNEL BANK

The Circuit Switched Digital Capability Maintenance (CSDC MTCE) loopback channel unit (J98726DF) provides a single channel digital loopback in a D4 channel bank connected to a No. 4 ESS* switch. This special application channel unit is accessed by the No. 4 ESS switch from the DS1 side of the channel bank. This allows loopback digital testing of CSDC trunks from a No. 1 ESS switch office. Two modes of loopback are provided, inverted or unmodified, depending on the state of bit 8 of each data word. This prevents incorrect test results due to hybrid reflections at the 2-to-4 wire interfaces.

*Trademark of Western Electric

The transmission circuitry of this unit contains a DS0/DS1 signal processor, loopback circuitry and a bit 8 detector.

For detail, see CD- and SD-3C461-01 and Section 365-170-123.

Fig. 1 is a functional block diagram of the unit and Fig. 2 shows the circuit pack faceplate.

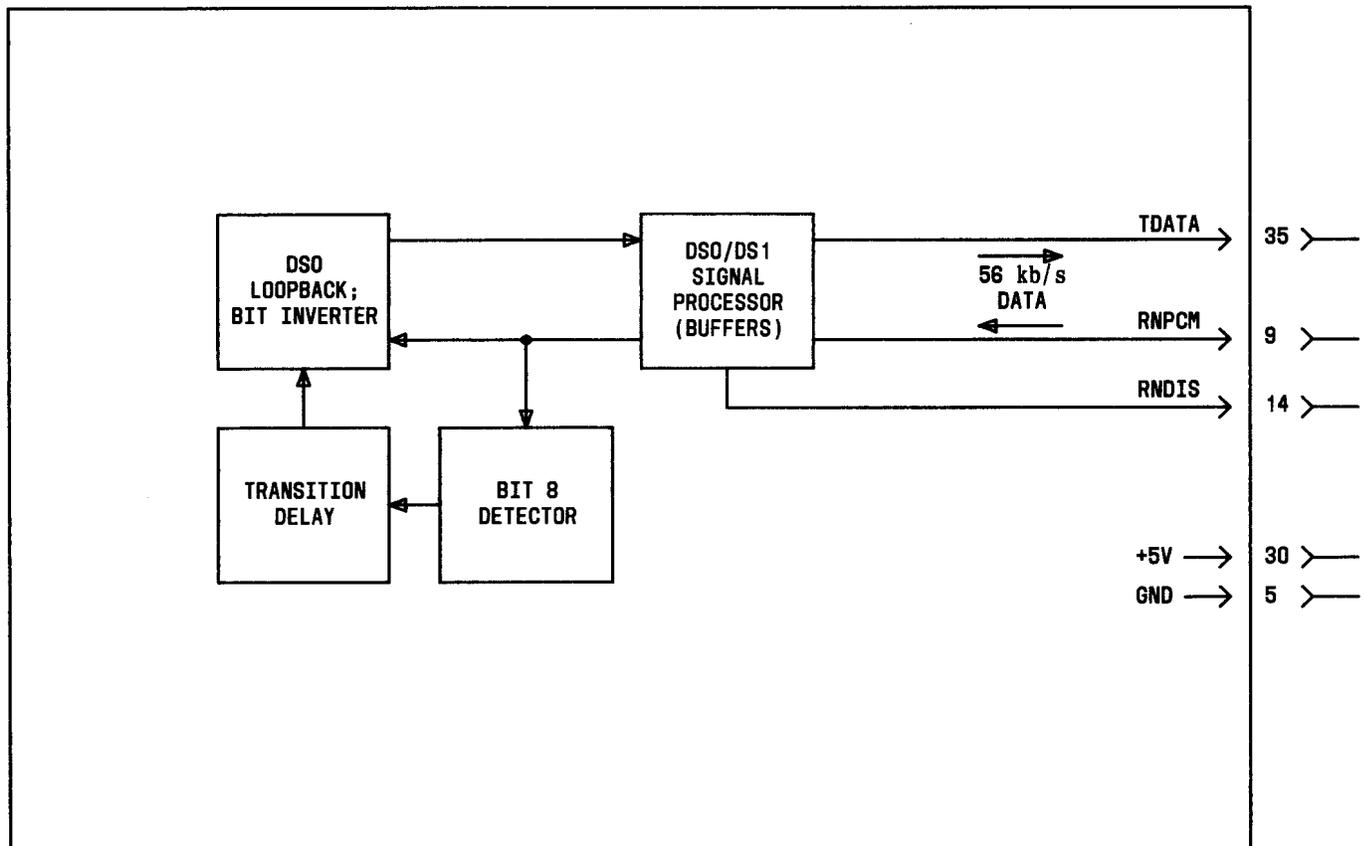


Fig. 1—J98726DF-1 Block Diagram

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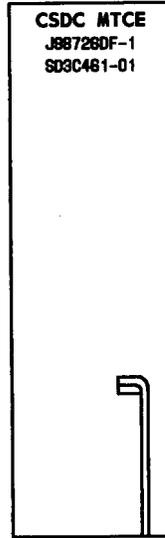


Fig. 2 — J98726DF-1 Component Layout