MC97769A1 (INA-RT) BANK CONTROL UNIT - 5SXTA10BXX
DATA SHEET
SLC ® SERIES 5 CARRIER SYSTEM

The MC97769A1 INA-RT (integrated network access - remote terminal) BCU (bank control unit) (COMCODE 105585368) is used in the *SLC* Series 5 carrier system J1C182AE and J1C182AF RTs. Together, the MC97769A1 BCU and AUB27 ADU (alarm display unit) form the bank controller for the *SLC* Series 5 carrier INA-RT bank.

Figure 1 is a functional block diagram of the MC97769A1 and Figure 2 shows the faceplate and LED indicators.

The bank controller handles several functions:

- Internal performance monitoring and fault diagnosis,

- Alarm outputs,

- Craft inputs for option, alarm cut-off, and bank identification,

- Channel unit provisioning coefficients via the CIU (craft interface unit).

The BCU contains a microcomputer that is the core of the bank controller unit. It also has a system program memory, electrically erasable memory for the semi-permanent storage of channel unit provisioning coefficients, and a random-access memory.

FAIL (Red LED): When lighted, this LED indicates that the BCU has been identified as failed.

PMN (Yellow LED): When lighted, this LED indicates a failure in the ac power plant or the ac rectifier at the remote terminal site.

48 (Yellow LED): When lighted, this LED indicates that the RT is operating as two 48-line systems in one half of a dual channel bank in Mode I or in Mode III. This indication occurs when the LED test button is depressed, or when the CIU is in session.

96 (Yellow LED): When lighted, this LED indicates that the RT is operating as one 96-line system in one half of a dual channel bank in Mode I. This indication occurs when the LED test button is depressed, or when the CIU is in session.

A/A1 (Red LED): When lighted, this LED indicates that the A digroup (or A1 digroup for a 48-line Mode I INA-RT system) is in trunk processing.

B/B1 (Red LED): When lighted, this LED indicates that the B digroup (or B1 digroup for a 48-line Mode I INA-RT system) is in trunk processing.

C/A2 (Red LED): When lighted, this LED indicates that the C digroup (or A2 digroup for a 48-line Mode I INA-RT system) is in trunk processing.

D/B2 (Red LED): When lighted, this LED indicates that the D digroup (or B2 digroup for a 48-line Mode I INA-RT system) is in trunk processing.

Technical assistance for the *SLC* Series 5 carrier system can be obtained by calling the Regional Technical Assistance Center at **1-800-225-RTAC**. This telephone number is staffed 24 hours per day.
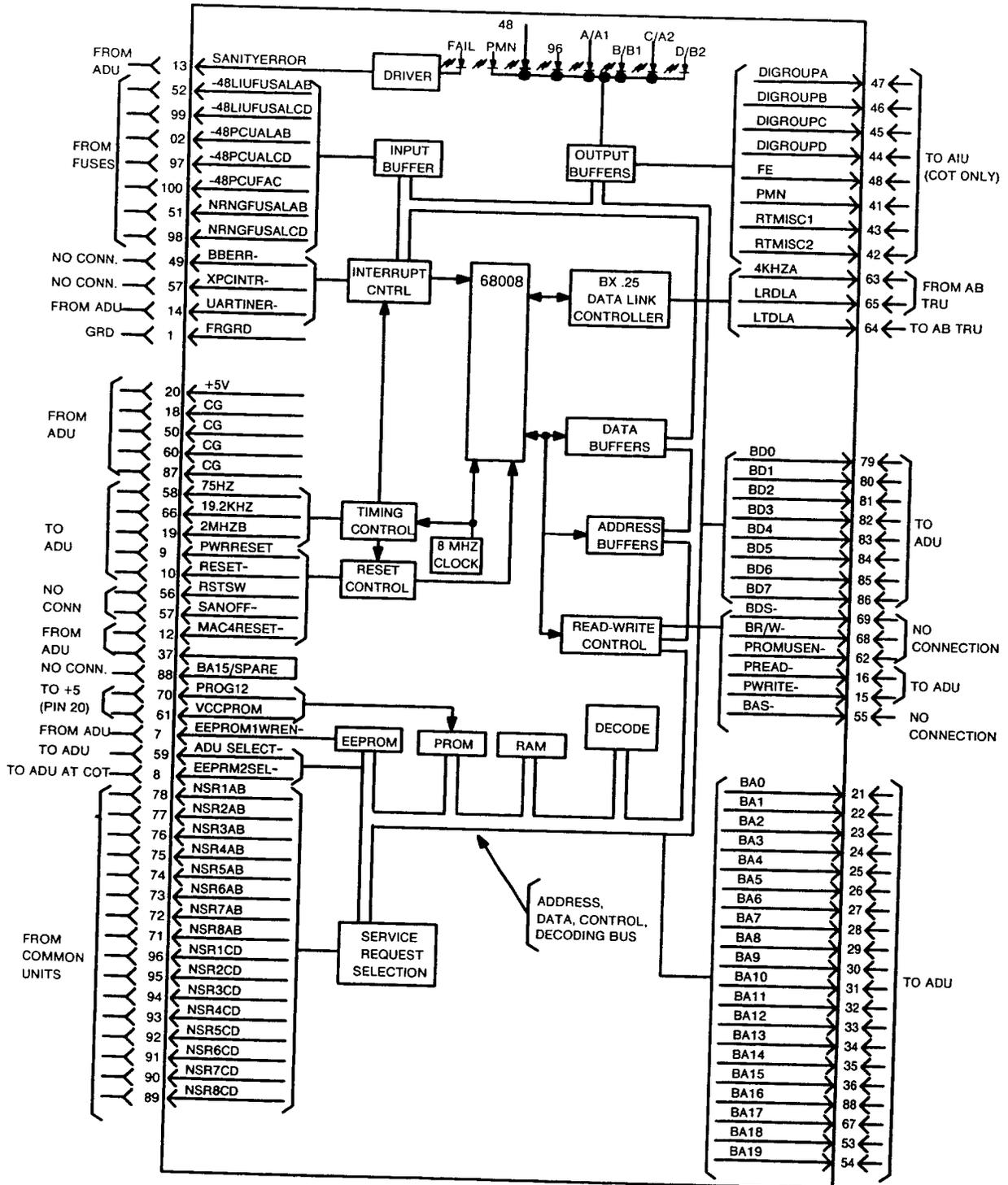
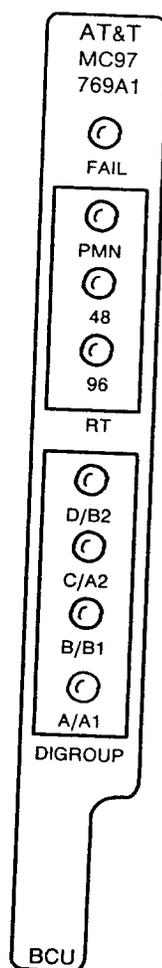**Figure 1—MC97769A1 Block Diagram**

AT&T
MC97
769A1

FAIL

PMN

48

96

RT

D/B2

C/A2

B/B1

A/A1

DIGROUP

BCU

Figure 2—MC97769A1 Faceplate