



SLC[®] Series 5 Carrier System

MC97724A1, I5:5 (RT) Bank Control Unit - 5SCSH0E

Data Sheet

This data sheet describes the MC97724A1, I5:5 bank control unit (BCU) (COMCODE 106039928) and is intended for the end-user of this unit. The MC97724A1, I5:5 BCU is used in the SLC[®] Series 5 remote terminal (RT). It is used with the AUB24 alarm display unit (ADU). Together, the MC97724A1, I5:5 and AUB24 form the bank controller (BC) for the SLC Series 5 Feature Package B (FPB) (Mode 96) RT bank. The BC handles internal performance monitoring and fault diagnosis, craft inputs, per line demand testing via the Pair Gain Test Controller (PGTC), and T1 line protection switching. The MC97724A1, I5:5 uses the SLC 96 Carrier System DS1 data link to communicate with the controller in the far-end bank. The MC97724A1, I5:5 contains a microprocessor that is the core of the BC. Also, it has a system program memory and a random-access memory.

This data sheet is reissued due to improved reliability in the MC97724A1, I5:5 BCU, and to change the CLEI* code and the COMCODE.

Figure 1 is a functional block diagram of the MC97724A1, I5:5, and Figure 2 shows the faceplate of the unit.

FAIL (Red LED): When lighted, this LED indicates that a failure has been sectionalized to this BCU.

* COMMON LANGUAGE is a registered trademark and CLEI, CLLI, CLCI, and CLFI are trademarks of Bell Communications Research, Inc.

P/M (Yellow LED): When lighted and with the BCU placed in an upper white bank, this LED indicates an active RTMISC1 miscellaneous input closure in this bank. When lighted and with the BCU placed in a lower blue bank, this LED indicates a failure in the AC power source or the AC rectifier at the remote terminal site.

DIGROUP D (Red LED): When lighted, this LED indicates that the D digroup is in trunk processing.

DIGROUP C (Red LED): When lighted, this LED indicates that the C digroup is in trunk processing.

DIGROUP B (Red LED): When lighted, this LED indicates that the B digroup is in trunk processing.

DIGROUP A (Red LED): When lighted, this LED indicates that the A digroup is in trunk processing.

MC97724A1, I5:5 Bank Control Unit

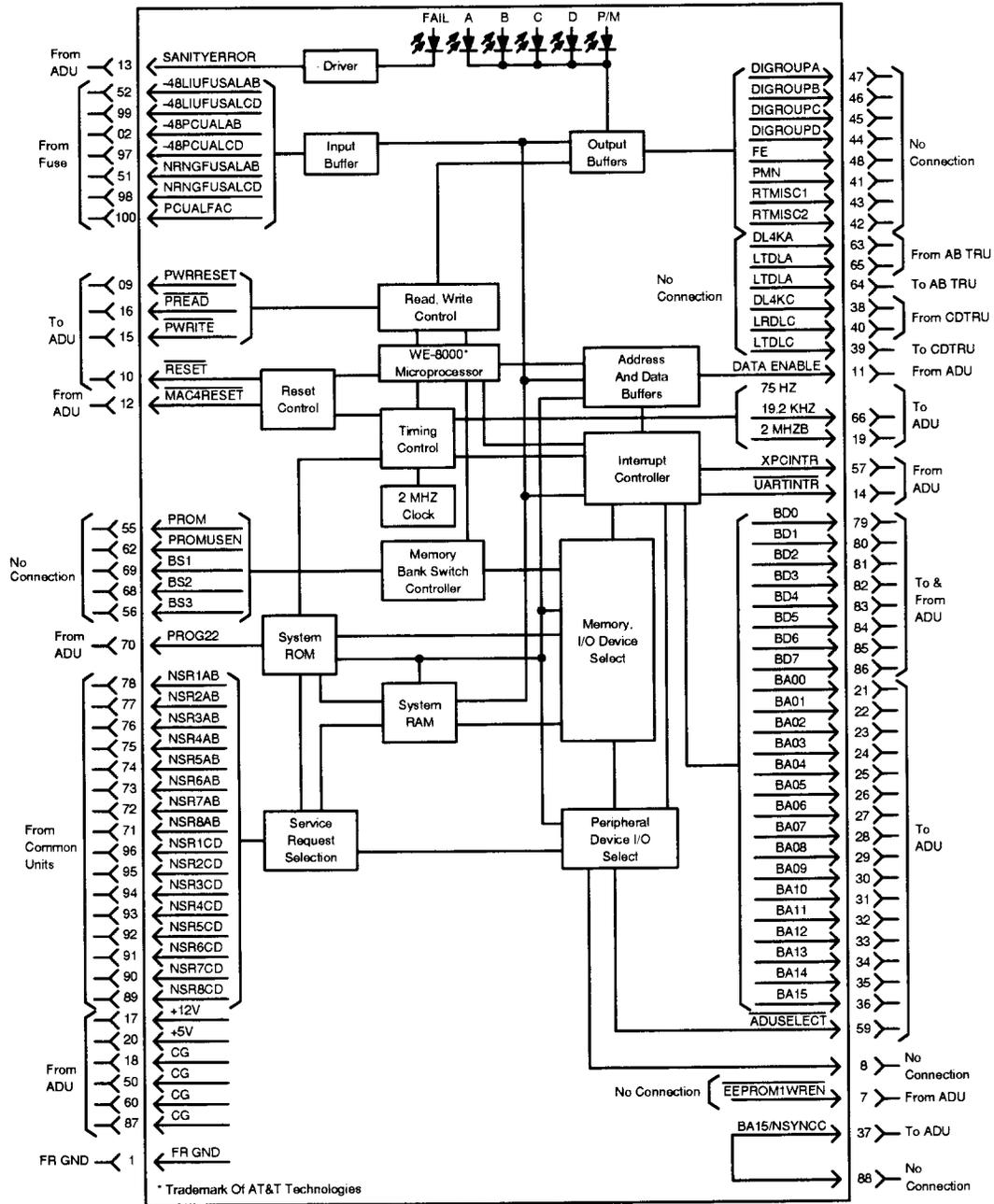


Figure 1. MC97724A1, I5:5 Block Diagram

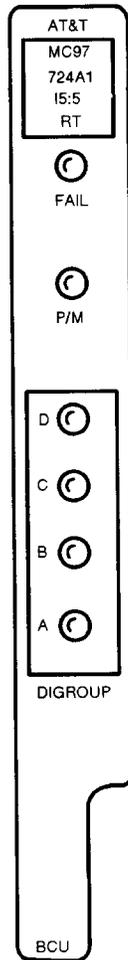


Figure 2. MC97724A1, I5:5 Faceplate

In-hours or emergency out-of-hours technical assistance for the *SLC* Series 5 Carrier System can be obtained by calling the Regional Technical Assistance Center at **1-800-225-RTAC**.

Additional copies of this document (AT&T 363-005-177) are available from the Customer Information Center — call 1-800-432-6600.

Comments about this document can be directed to:

AT&T
Document Development Organization
Attention: Publishing Services Department
2400 Reynolda Road
Winston-Salem, NC 27106

Copyright © 1990 AT&T
All Rights Reserved
Printed in U.S.A.