

MAINTENANCE MANUAL

EDACS®
CTIS MODULE
19C852226G1

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SPECIFICATIONS*

FUNCTIONS

CTIS, SERIAL RESET, GETC RESET

CONNECTORS

J1
thru
J24

Modular jack (RJ12): 6-position

* These specifications are intended primarily for the use of the service technician. Refer to the appropriate Specifications Sheet in the applicable maintenance manual for the complete specifications.

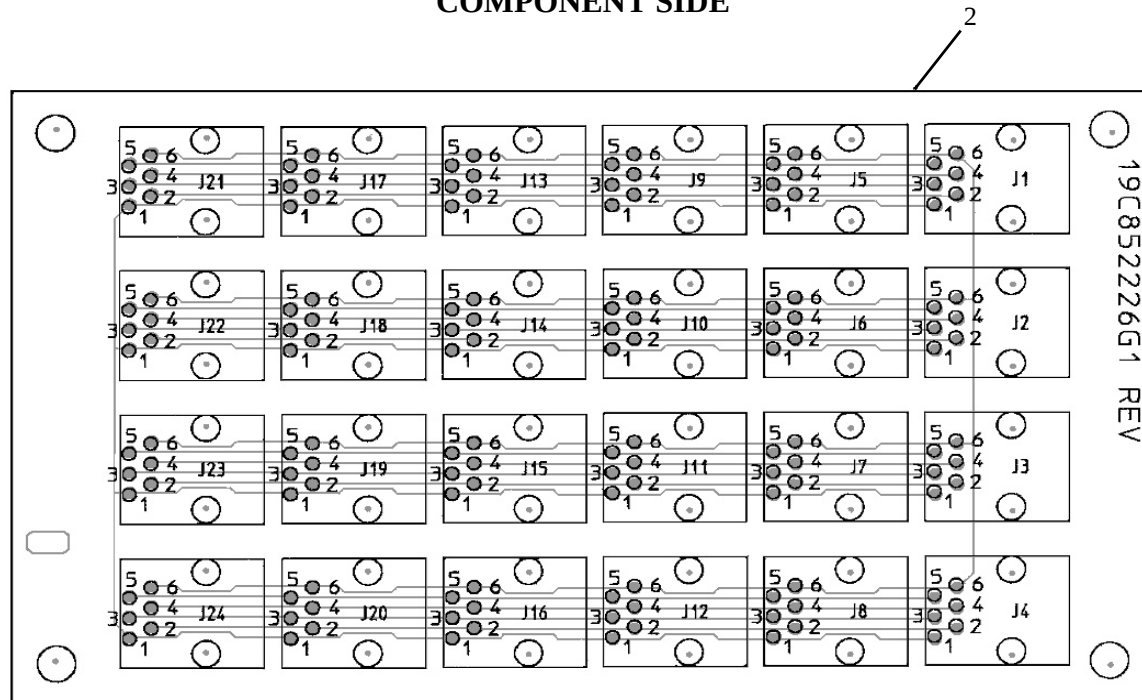
DESCRIPTION

Central Telephone Interface System (CTIS) Module 19C852226G1 is used to collect and route telephone interface analog/data throughout an Enhanced Digital Access Communication System (EDACS™). This module mounts on EDACS Interface Panel 19D904009 (refer to Maintenance Manual LBI-38812) when associated with CTIS RIC cabinets and cabinets equipped with the GETC SimulCast Control Panel. This module is also used to route GETC RESET and SERIAL RESET functions throughout the EDAC System. The CTIS Module consists of twenty four (24) telephone type modular 6-position (RJ12) jacks J1 through J24.

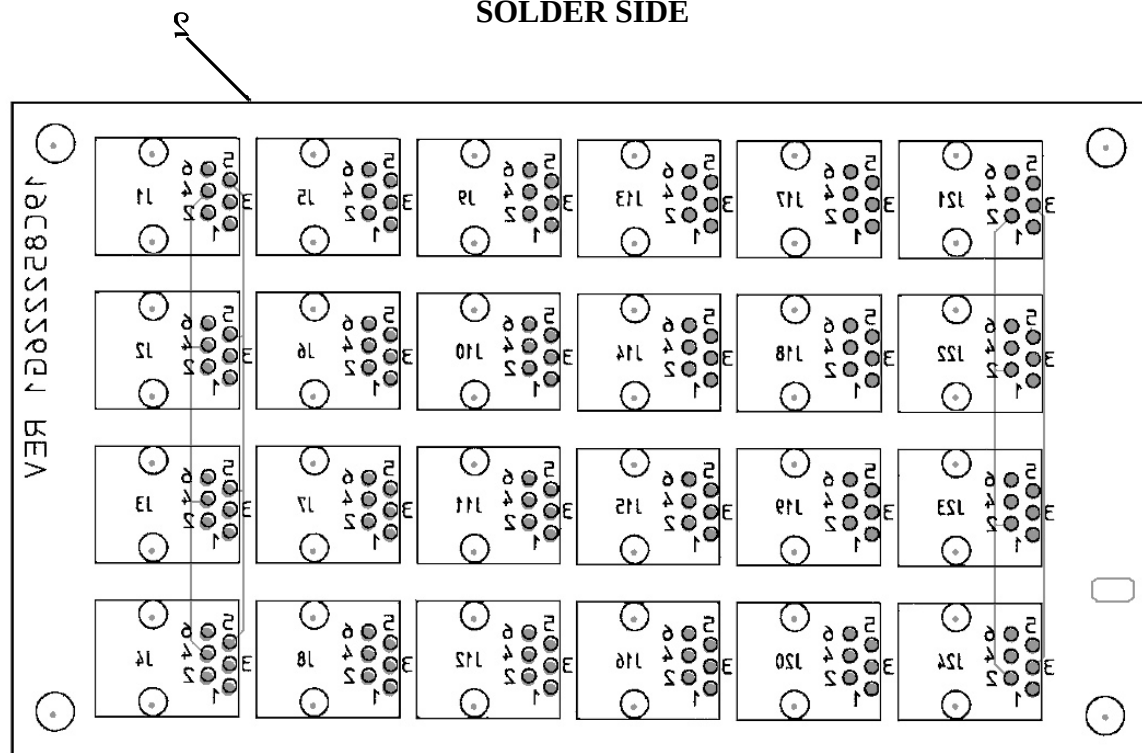
CIRCUIT ANALYSIS

All circuits of the Central Telephone Interface Module are connected in parallel. Pin 1 of each modular 6-position jack connects to Pin 1 of all other modular 6-position jacks. Pin 2 of each jack connects to Pin 2 of all other jacks, etc. (refer to Schematic Diagram 19D903960). This makes it possible to route telephone lines to twenty three (23) different connectors assuming one connector is an input.

COMPONENT SIDE

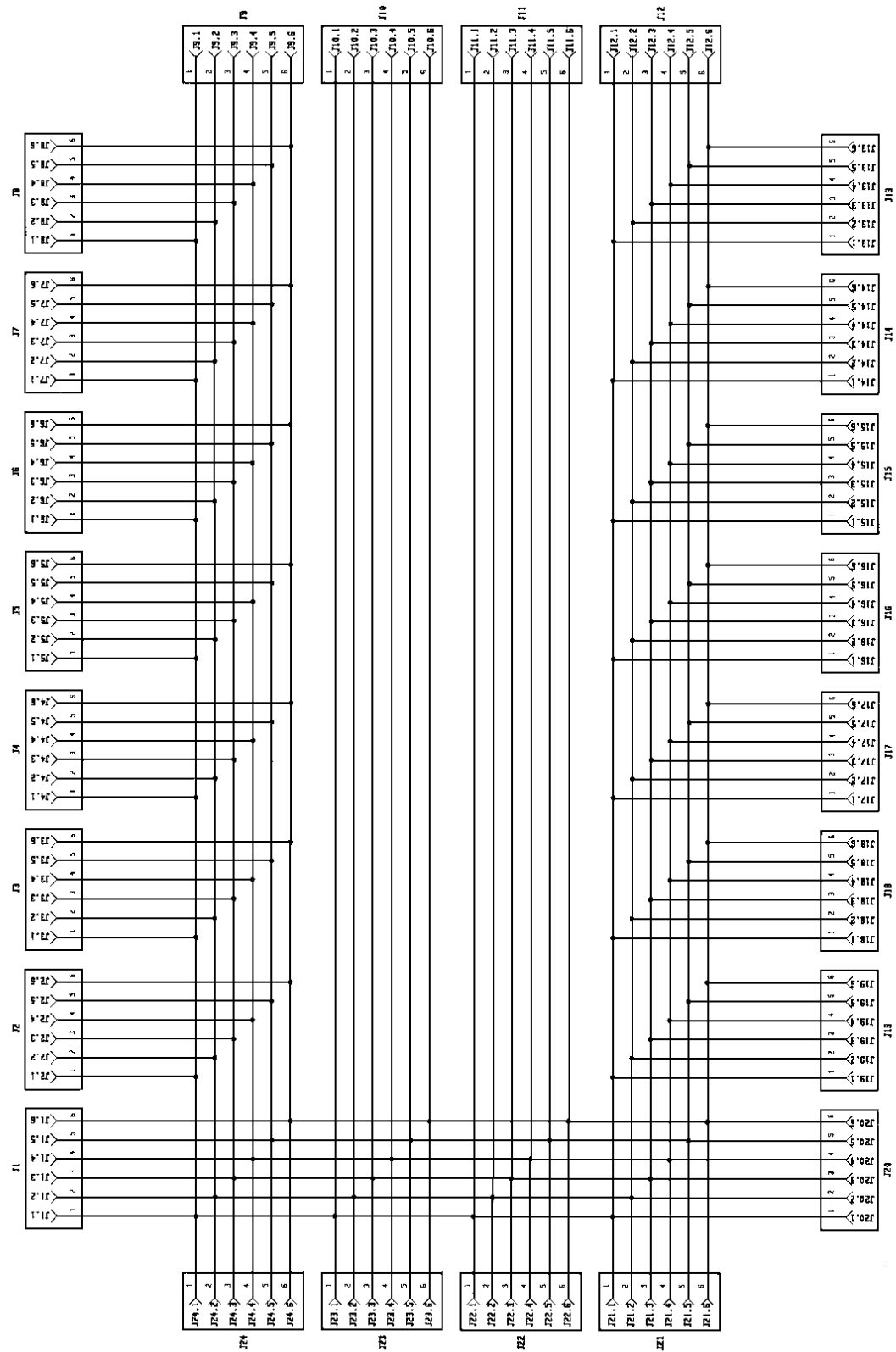


SOLDER SIDE



EDACS CTIS MODULE

(19C852226, Rev. 0)
 (19C852225, Component Side, Rev. 0)
 (19C852225, Solder Side, Rev. 0)



EDACS CTIS MODULE

(19D903960, Rev. 0)

**EDACS CTIS MODULE
19C852226G1
Issue 1**

SYMBOL	PART NO.	DESCRIPTION
J1 thru J24	344A3288P1	----- JACKS ----- Modular jack: 6 position; sim to AMP 520425-3

**EDACS CTIS MODULE
19C852226G1
RIC'S SERIAL DATA LINK**

J01 - J24 RJ12 SIX CIRCUIT SIX LOADED

ALL PINS WITH SAME NUMBER ARE IN PARALLEL

J01-01	J02-01	J03-01	J04-01	J05-01	J07-01 etc.	J22-01	J23-01	J24-01
J01-02	J02-02	J03-02	J04-02	J05-02	J07-02 etc.	J22-02	J23-02	J24-02
J01-03	J02-03	J03-03	J04-03	J05-03	J07-03 etc.	J22-03	J23-03	J24-03
J01-04	J02-04	J03-04	J04-04	J05-04	J07-04 etc.	J22-04	J23-04	J24-04
J01-05	J02-05	J03-05	J04-05	J05-05	J07-05 etc.	J22-05	J23-05	J24-05
J01-06	J02-06	J03-06	J04-06	J05-06	J07-06 etc.	J22-06	J23-06	J24-06