

DATE <u>7-23-73</u>		TMC SPECIFICATION NO. S 1320	A
SHEET _____ OF _____			
E.S.		TITLE:	
COMPILED	CHECKED		
<i>RS</i> APPROVED			

OBSOLETE USE DD100 REVISION B

KIT 394

SPARE PART REPLACEMENT OF DD100

DATE <u>7-23-73</u>		TMC SPECIFICATION NO. S 1320	A
SHEET <u>1</u> OF <u>2</u>			
COMPILED	CHECKED	TITLE: <u>Spare Part Replacement of DD100</u>	
APPROVED			

- I. EQUIPMENT AFFECTED:
All equipments using diode assembly DD-100.
- II. PURPOSE:
To provide a means of spare part replacement for the diode assembly DD-100, which is obsolete and no longer an item available for purchase.
- III. MATERIALS REQUIRED:
Table 1 lists the materials supplied with the kit. Table 2 lists the tools necessary to accomplish the replacement of a DD-100. These are standard tools and are not supplied with this kit.

TABLE I

ITEM	QTY	PART NUMBER	DESCRIPTION
*1	4	1N67A	Semiconductor Device, Diode

* Note: These diodes are a matched set.

TABLE 2

1. Soldering iron
2. Pliers, Diagonal cutting
3. Pliers, Longnose

IV. PROCEDURE:

1. Remove from its socket the DD100 which is to be replaced.
2. On the underside of the DD100 socket connect and solder in place four each of item 1 as shown in figures 1 and 2.

NOTE

In connecting the four diodes, be careful not to remove or disturb any of the connections already made at the socket base (i.e. the jumpers across pins 2 & 6 and pins 3 & 7, etc). Extreme care should be exercised so as not to overheat the diodes when soldering in place.

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SHEET <u>2</u> OF <u>2</u>			
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APPROVED			

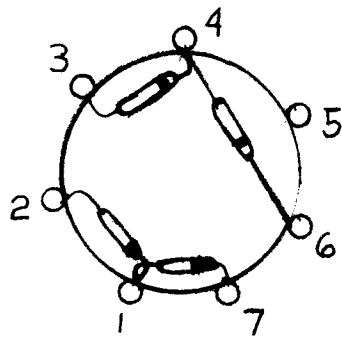


Figure 1. Component Connections (underside of socket)

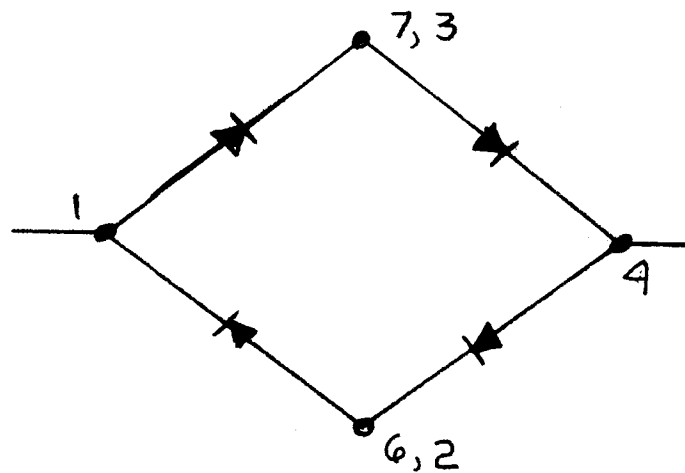


Figure 2. Equivalent Circuit

