

### PERIPHERAL EQUIPMENT DIVISION

<b>TITLE</b> TO ELIMINATE DATA ERRORS DUE TO CROSS TALK FROM TEMPERATURE & WRITE COMP. PCBA TO R/W PCBA			PIB NO. DK3065	
PRODUCT LINE:	TAPE DISK FORMATTER <input checked="" type="checkbox"/>	EQUIPMENT CHANGED Temp. & Write Comp 103977	MODEL SERIES AFFECTED D3000	EFFECTIVE DATE 9/1/76

CLASS OF BULLETIN:	ORDER PART KIT NO.	EFFECTIVITY
<input type="checkbox"/> IMPROVEMENT	N/A	200 TPI units only. (See revision level changes).
<input checked="" type="checkbox"/> RETROFIT ON FAILURE		
<input type="checkbox"/> RETROFIT RECOMMENDED		
<input type="checkbox"/> SERVICE INFORMATION ONLY		

PURPOSE:

To turn off 555 timer on temperature and write compensation PCBA to eliminate noise coupling to Read/Write PCBA.

SYMPTOMS:

The free running 555 timer glitches the Read/Write PCBA every 5 minutes causing random soft errors.

PARTS REQUIRED:

Jumper wire P/N 691-6030 (approximate 6 inches).

ACTION REQUIRED:

1. Add jumper from U2 pin 1 to U2 pin 6.
2. Add jumper from U2 pin 2 to U5 pin 7.

(See figure 1, 2, and 3 for schematic changes and figure 4 for component location reference.)

Should Additional Information Be Required — Contact

**PERTEC**

PERIPHERAL EQUIPMENT DIVISION  
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Phone (213) 882-0030 / TWX (910) 494-2093  
ATTENTION: PRODUCT SUPPORT MANAGER  
PERTEC 20-K012C(1)

DISTRIBUTION CODE 6318

**TITLE** TO ELIMINATE CROSS TALK FORM TEMPERATURE AND WRITE  
COMP PCBA

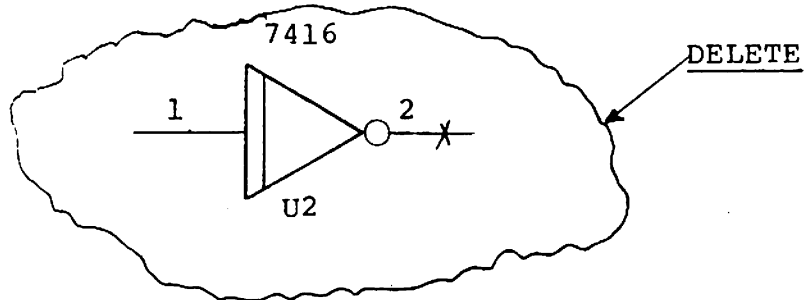
PIB NO.  
DK3065

#### SCHEMATIC CHANGES

103976

Sheet 1 in spare  
logic elements

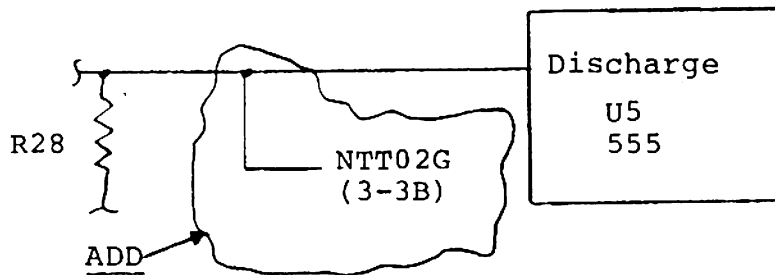
Figure 1



103976

Sheet 3 zone 7-B

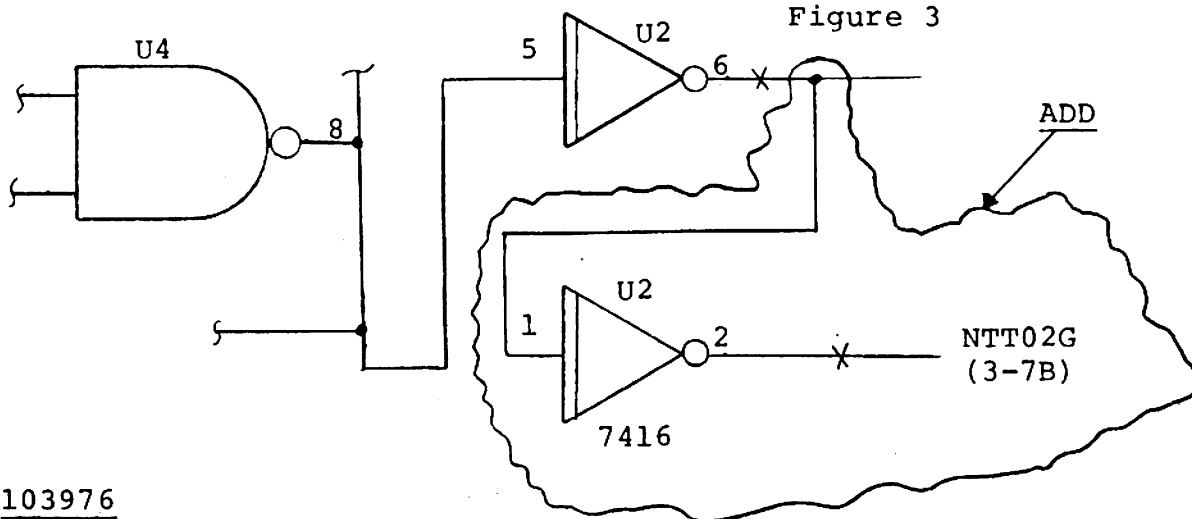
Figure 2



103976

Sheet 3 Zone 3/4-B

Figure 3



PERIPHERAL EQUIPMENT DIVISION

**TITLE** TO ELIMINATE CROSS TALK FROM TEMPERATURE AND  
WRITE COMP PCBA

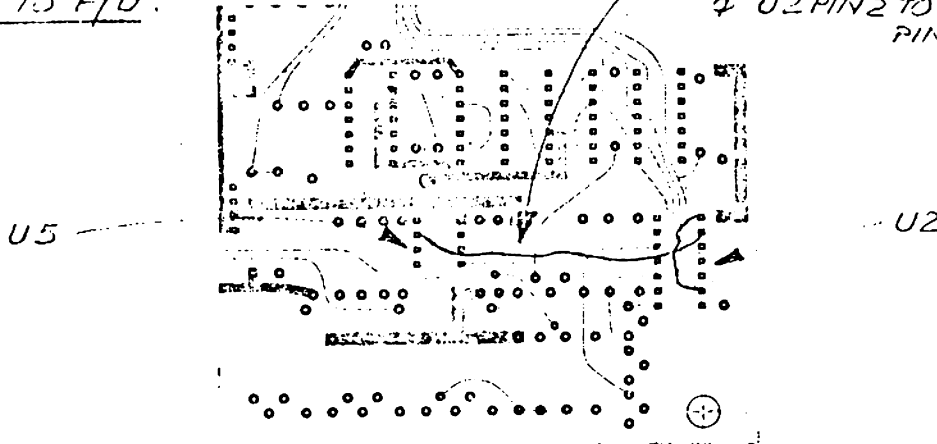
PIB NO.  
DK3065

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FIGURE 4

ADD JUMPER  
691 - 6030  
U2 PIN1 TO U2 PIN6  
U2 PIN2 TO U5  
PIN 7

ADD TO F/D:



CIRCUIT SIDE

REVISION LEVEL CHANGES:

From	To
103977-01E	103977-01E + ECN 8929
103977-01E + ECN 8521	103977-01E + ECN 8521 + ECN 8929
103977-01F	103977-01F + ECN 8929
103977-01G	103977-01G + ECN 8929
103977-01H	103977-01J
103977-02A	103977-02A + ECN 8929
103977-02A + ECN 8521	103977-02A + ECN 8521 + ECN 8929
103977-02B	103977-02B + ECN 8929
103977-02C	103977-02C + ECN 8929
103977-02D	103977-02D
103977-03A	103977-03B
103977-05D	103977-05D + ECN 8929
103977-05E	103977-05E + ECN 8929
103977-05F	103977-05G
103977-06D	103977-06D + ECN 8929
103977-06E	103977-06E + ECN 8929
103977-06F	103977-06G

TIME REQUIRED:

20 minutes