

## TELEVISION TECHNICAL BULLETIN

**MODELS** DV3751H DV5131H

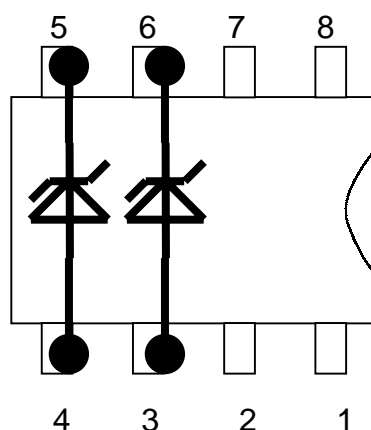
**SYMPTOM** No teletext, poor linearity, no picture, intermittant picture.

**CAUSE** Corruption of the NVM, IC1002. Either noise on the five volt supply or corruption of the data lines normally causes this.

**ACTION** Carry out the following action.

1. Reprogramme NVM location 21 to 5A.
2. Remove L850 from PWB-B ( Video Board ) and fit a wire link from J46 on PWB-B to wire link J48 on PWB-A ( Mother Board ).
3. Increase the value of C714 to 2,200uF, 16V using the part number below.
4. Fit two 8.2V zener diodes to IC1002 as shown in the diagram below.
5. Fit a 10nF, 50V capacitor between pins 10 and 11 of IC1001, using the part number given below.
6. Fit a 10nF, 50V capacitor between pin 39 of IC1001 and ground ( link 26 ).

| <u>REF NO</u> | <u>DESCRIPTION</u>     | <u>PART NUMBER</u> | <u>PRICE CODE</u> |
|---------------|------------------------|--------------------|-------------------|
| C714          | Capacitor 2,200uF, 16V | VCEAGA1CW228M      | AG                |
| -             | Zener Diode, 8.2V      | RH-EX0413BMZZ      | AB                |
| -             | Capacitor 10nF, 50V    | VCKYPA1HF103Z      | AA                |



**Location of the 8.2V Zener diodes Connected to pins 5 and 6 of IC1002 (viewed from the print side of the Mother PWB)**

**Sharp Electronics (UK) Limited**

Reference MB5131  
Revision 2

