

## 222 Snagging list – 78

This list changes continually without notice.  
Note - nets with a backslash ( \ ) are inverted signals.

### Power supply –

### Keyboard -

**Backplane** – 1/9/2017 - currently in progress, preliminary circuit and diagnostics confirm the 222 backplane is derived from the 224 backplane, but with a few cut PCB traces and extra wire links.

Check net [K(\R\S16)] - PL7.A21, PL8.A22 –  
Net is on board 7 & 8 components only, not on backplane

Currently PL7.A21, PL8.A22 is [DRV-RB] on backplane as -  
SK7.A21, SK8.A22

Check all are connected and rename to [K(VERS16UVDBL)]

**Board 1 -** None.

**Board 2 -** None.

**Board 3 -** D56 where ?, connected to ?  
Pin A1 to where ?

**Board 4 -**

**Board 5 -** All conn to GR68  
No missing components.

**Board 6 -**

**Board 7 -** Check on 224 circuit.  
FF A2, TR11/b through D29 & C35 is [TMP-A33, A3] on circuit, should be [TMP-A8, A30].

Check on 224 circuit for resets to FF A8 and FF A1.

**Board 8 –** None.

**Board 9 -** On 224 equivalent.  
R89 connects to [WRITE] TR9/c check it should be [\READ] TR7/c.

**Board 10 -** K111 D6 to A2 [\S16], should it be A12 [F3] ?? (D111 on 224 dwg).

K116 D29 to B22 [\WCNT8], should it be A22 [MUL] ?? (D13 on 224 dwg).

D94, D128, D159, GR173, GR174, GR175, GR176, GR177, GR178, B21 all missing

D54, D129 used twice on board.

**Board 11 –** D79 use twice –

#1 D79+ve, R100, R97 (through D62 to TR5B).  
D79-ve to PL11B1 [\UV].

#2 D79A+ve, R75, D74+, D77+, through B8, D63+, C36, D23-ve through to TR11B.  
D79A-ve to PL11B3 [\R].

R98 used twice –

#1 R98 1 – C21, D10-ve through to TR2B.  
R98 2 – PL11.B8 [VER].

#2 R98A 1 – C38, D20-ve through to TR11B.  
R98A 2 to PL11.A20 [KYCLER].

**Board 12 -** FFlop F1 (TR1/2) TR1B feed through D35 to R62/C22.  
C22 to 12B2 [K(\Z\S1\R\)] check equivalent on 224 as corresponding C went to 12B3 [SELREG1].

R26, R27, R35, R61 & R76 are all missing.  
D105, D106 are all missing.

**Notes –**

1)

2)

Diodes in stud packages – Manufacturer is - HFO (VEB Halbleiterwerk Frankfurt/Oder) with the logo - . See logo at -  
<http://www.dialelec.com/semiconductorlogos.html> - <http://www.robotrontechnik.de/index.htm?/html/standorte/hfo.htm>

Now BRD ? **Zentrum Mikroelektronik Dresden GmbH (ZMD) ?**

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