

V 2.00 REDRAWN 2022 by David Briggs adapted by LostRetroTapes for 3B Replica Boards

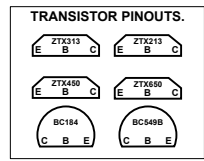
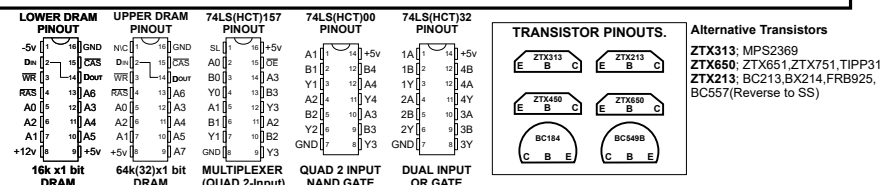
**KEY**  
**DIODES**  
**RESISTORS** (1/4W and 5% tolerance) UNLESS STATED\*4  
**CERAMIC CAPACITOR**  
**ELECTROLYTIC CAPACITOR**

**Notes:**

- \*1 Not connected if using a vLA82.
- \*2 

ROM Links	NEC	HIT
PIN20	CE	CS
PIN27	CS	CE
- \*3 Valid Memory links TI and 3 OR 4 OKI and H OR L
- \*4 The following resistors are 2% tolerance; R43(3K), R44 (5K1), R58(1K) and R59(1K8)
- \*5 Coil Windings: Inner (primary) 1-2; outer (secondary) 3-4. Both (primary and secondary) winding should have under 1 Ohm and no resistance ("open circuit" on multimeter) between windings.

**sinclair ZX SPECTRUM © 1983 ISSUE 3B**



**Alternative Transistors**  
 ZTX13: MPS2369  
 ZTX650: ZTX651, ZTX751, T1PP31  
 ZTX213: BC213, BC214, FRB925, BC557 (Reverse to SS)