

```

GR1.T=/LDSHIFT*(MIDV*/COL4*/GR1
      +MIDV*COL4*GR1
      +/MIDV*/COL4*GR1
      +/MIDV*COL4*/GR1)
GRO.T=/LDSHIFT*(MIDV*/COL3*/GRO
      +MIDV*COL3*GRO
      +/MIDV*/COL3*GRO
      +/MIDV*COL3*/GRO)

```

```

FONT_CLK.T=/FONT_CLK*/HEN1*/ELS +FONT_CLK*(HEN1+/LDSHIFT)
LDSHIFT.T=LDSHIFT*/HEN1*FONT_CLK +/LDSHIFT
ELS=FONT_CLK

```

```

OEFONT=/OE244+/FONT_CLK+HEN1
GRO.TRST=OE
GR1.TRST=OE
GR2.TRST=OE
FONT_CLK.TRST=OE ;Global tristates
LDSHIFT.TRST=OE
OEFONT.TRST=OE

```

;SEGMENT B:

```

COL6.T=/LDSHIFT*/HEN1*COL0*COL1*COL2*COL3*COL4*COL5 +HEN1*COL6
COL5.T=/LDSHIFT*/HEN1*COL0*COL1*COL2*COL3*COL4 +HEN1*COL5
COL4.T=/LDSHIFT*/HEN1*COL0*COL1*COL2*COL3 +HEN1*COL4
COL3.T=/LDSHIFT*/HEN1*COL0*COL1*COL2 +HEN1*COL3
COL2.T=/LDSHIFT*/HEN1*COL0*COL1 +HEN1*COL2
COL1.T=/LDSHIFT*/HEN1*COL0 +HEN1*COL1
COL0.T=/LDSHIFT*/HEN1 +HEN1*COL0

```

```

COL5.TRST=OEROW*OE ;Column counters
COL4.TRST=OEROW*OE ;Muxed by OEROW
COL3.TRST=OEROW*OE ;Globally tristated
COL2.TRST=OEROW*OE
COL1.TRST=OEROW*OE
COL0.TRST=OEROW*OE

```

```

ROW5=GND ;Dummy row count
ROW4.T=/VDRIVE*VXLIN*ROW0*ROW1*ROW2*ROW3 +VDRIVE*ROW4 ;ROW0-ROW4 = row count
ROW3.T=/VDRIVE*VXLIN*ROW0*ROW1*ROW2 +VDRIVE*ROW3
ROW2.T=/VDRIVE*VXLIN*ROW0*ROW1 +VDRIVE*ROW2
ROW1.T=/VDRIVE*VXLIN*ROW0 +VDRIVE*ROW1
ROW0.T=/VDRIVE*VXLIN +VDRIVE*ROW0
ATC.T=/VDRIVE*VXLIN +VDRIVE*ROW0

```

```

ROW5.TRST=OEROW*OE
ROW4.TRST=OEROW*OE
ROW3.TRST=OEROW*OE
ROW2.TRST=OEROW*OE ;Muxed by OEROW
ROW1.TRST=OEROW*OE ;Globally tristated
ROW0.TRST=OEROW*OE
ATC.TRST=OE

```

```

CG12=FONT_CLK ;Selects half or RAM, character or font
CG12.TRST=OE244*OE

```

```

OEROW=OE244*/FONT_CLK*/HEN1 ;Row and column output enable or mux

```

```

ROW0.CLKF=HEN2
ROW0.SETF=GND
ROW0.RSTF=GND
ROW1.CLKF=HEN2
ROW1.SETF=GND
ROW1.RSTF=GND

```