

Tabelle1

Pollin – Display Optrex F-51154NF

| | | | | | | | | |
|----------|----------------|----------------------|-----------------------------|------------------------|------------------------|-----------------------|--------|-----|
| LC79401 | 6 Stück IC1..6 | Segment Driver 80Bit | 4 Bit par in 1/64 .. 1/256 | VDD=5V, VLCD = 12..32V | 6MHz | Load = Start of Frame | 6*80 = | 480 |
| LC79431 | 3 Stück IC7..9 | Common Driver 80Bit | 1Bit ser in, 1 Bit ser out, | 1MHz | VDD = 5V, VLCD=12..32V | | 3*80 = | 240 |
| 73101XYA | | | | | | | | |

| Pin | Funktion | Testpunkt | Norm-Bezeichnung | App-Note |
|-----|-----------------------------|--------------------------|--|---------------------------------|
| 1 | ?? | TP1 | | |
| 2 | ?? | TP2 | | |
| 3 | ?? | TP3 | | |
| 4 | VDD=V1(all) + IC11.4 | TP4 | VDD | VDD |
| 5 | DIO4 all 401 | TP5 P95 | D3 | |
| 6 | DIO3 all 401 | TP6 P96 | D2 | DI1-DI4 |
| 7 | DIO2 all 401 | TP7 P97 | D1 | |
| 8 | DIO1 all 401 | TP8 P98 | D0 | |
| 9 | GND | TP9 P88 (401) P92(431) | P91(431)=LS/RS = right shiftGND | GND |
| 10 | IC11.11(its VEE) | TP10 IC11.VEE → VEE Disp | -12V .. -32V input | VEE |
| 11 | DispOffQ 401 & 431 | TP11 | DispOff | |
| 12 | IC10.4-M | TP12 | M-Input | |
| 13 | CP all 401.99 | TP13 | CP | |
| 14 | Load all 401.87 / CP 431.96 | TP14 | Line Sync-Pulse | LOAD |
| 15 | DIO1.431_IC7.98 | TP15 | DIO80.IC7=DIO1.IC8 DIO.80.IC8=DIO1.IC9 | FLM/Frame Common Data Input FLM |

Interconnect
 CDI.IC1=GND
 CDI.IC2=CDO.IC1
 CDI.IC3=CDO.IC2
 CDI.IC4=CDO.IC3
 CDI.IC5=CDO.IC4
 CDI.IC6=CDO.IC5

IC10.5 Input = IC9_8_7.96 = IC1.87= CP(431) = LOAD(401)
 IC10.2 = 431.91+92 = GND
 401.86.M = 431.94.M = IC10.3

IC10 ist wahrscheinlich der Analog-Schalter, der die Spannungen umlegt, also 10.4 höchstwahrscheinlich M