



Dallas DM18B20 Temp Probe
Hdr (H1-3) / Conn (CN1-3)
Pin 1/1: +3.3V (Red)
Pin 2/NA: Unused - BLOCKED
Pin 3/2: Signal (Yellow)
Pin 4/3: Ground (Black)

Diodes D1, D2-D8 are generic
rectifier diodes. D2 and D3
should have some forward
voltage drop. U6 input is
max 40V DC. Rectified 28VAC
is 39.5VDC max. Diodes provide
some headroom to keep max
DC input more like 35-37V.