



Driving LEDs: a matrix of LED8 X COL12  
Sensing switches: a matrix of ROW3 X COL12

LEDs-ONLY for Straight Eight:

Each Pin...  
Warning: enabling Serial Port requires configuration on Raspberry Pi.  
Warning: circuit board traces 1-2 are added.  
Warning: circuit board traces 3-4 are added.  
(Col string gets unpopulated by) C4 traces and jumpers to the enable serial port after manufacturing the PCB.

5V TTL compatible serial port (option).  
Warning: requires mod on RPi (remove R23/R24).  
\* Fractional number of PDP.  
Warning: do not install resistors R\_S1/R\_S2 until this mod has been done

Sheet: /  
File: PDP8.sch

Title:

Size: A4 Date: 11 may 2015

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