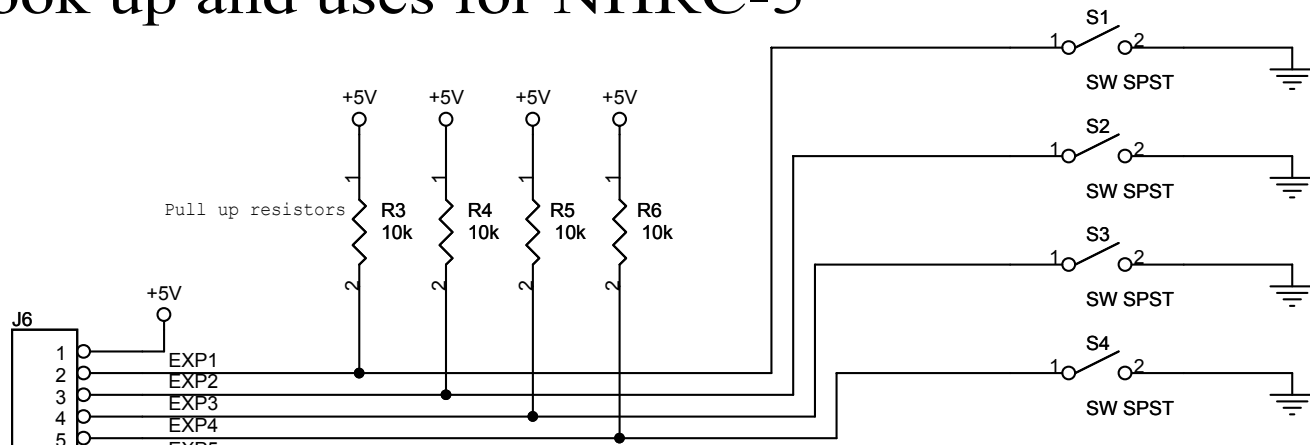
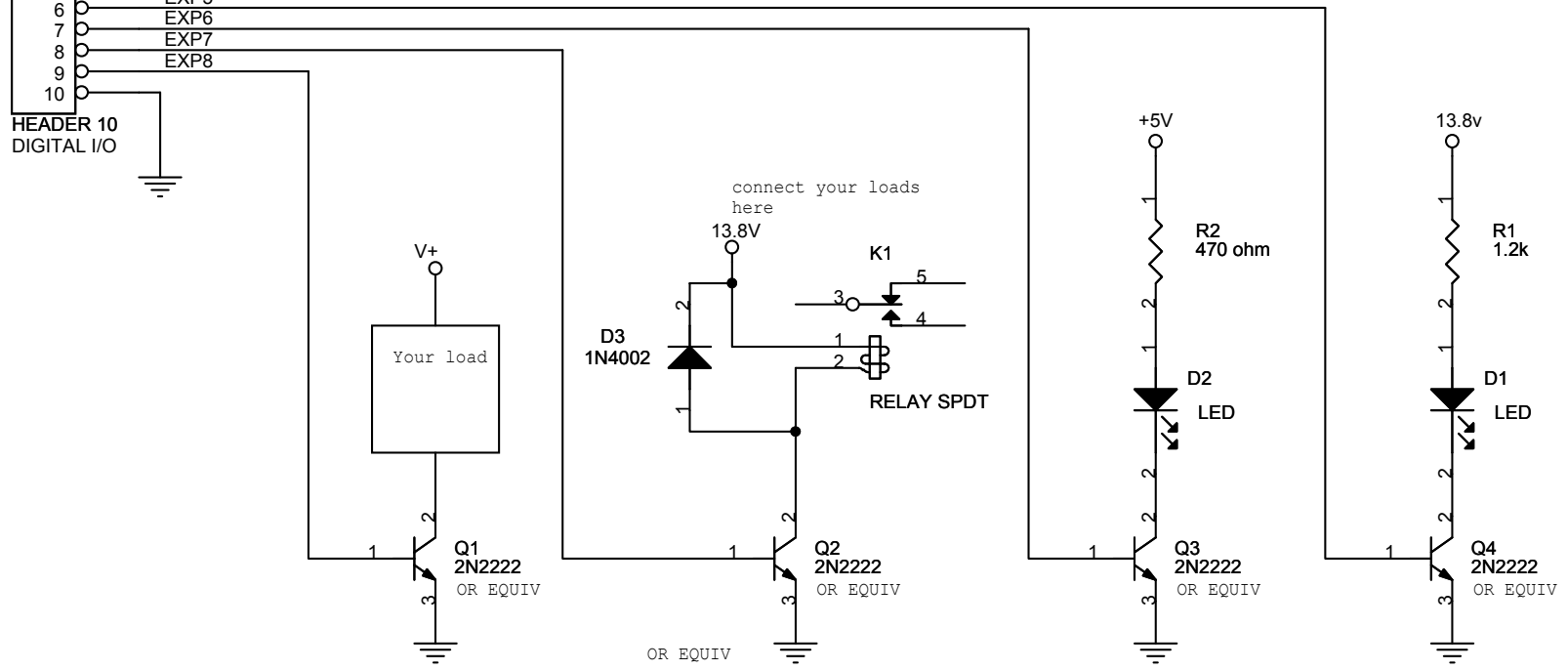


Suggested hook up and uses for NHRC-5

I/O



SWITCH NOTES
 The switches shown can be substituted for temp sensors or alarm contacts or active low cas from a reciever as desired.
 Inputs are active low



Load driving notes.

The transistor do not require a resistor in series with the base as the controller has a 4.7k resistor in series with all i/o leads.

When driving relays be sure to us a diode to quench back emf (see d3).

Larger high current transistors or fets can be used to drive larger high currnet loads.

Do not attempt to drive loads over 250ma from the DC power available from the controller I/O port. Never drive motors from this power source.

WARNING

Use this app note at your own risk. Failure to connect your external equipment to the controller I/O properly will result in permanent damage to your controller.

NHRC REPEATER CONTROLLERS		
415 Fourth Range Road Pembroke, NH 03275 603-485-2248 http://www.nhrc.net		
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