



Note: Two 12V relays in series are used for each BPF to reduce current drain. Make sure that the relays pull in and hold at 6V.

Note-2: The Relays and BPF circuits are on a separate board with a ribbon cable connecting them to the ULN 2803 chips .

Lines to control the Attenuator Hamlin Relays.

Input from Red Pitaya DIO2\_P and DIO3\_P pins on E1 Connector. Quisk can provide a BCD output on these pins: Providing 4 switched control lines for +16dB, 0dB, -10dB and -20dB.

BCD input from Red Pitaya "Hermes Ctrl pins 1-4 on the E1 connector.

File: RPswitching.sch		Band Pass Relay/Attenuator Control Circuit GW3LTX	
Sheet: /			
Title: RP Band Pass Filter Circuit.			
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