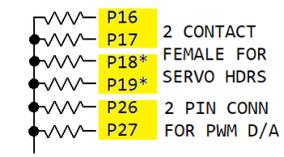
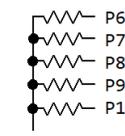
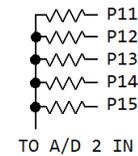
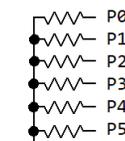


After thinking about the BoE/Activity boards for a bit here is what I have come up with as a simple and relatively flexible test board. The board would plug in to the 16 pin connector strip of the board to be tested and three 2 contact jumpers would be used to connect to the PWM/DAC connector and servo headers as required.

The entire circuit can be built on a small breadboard using 4 sip resnets, one 16 pin header, and three 2 contact jumpers. The circuit can be used to test each of the 20/22 accessible pin as outputs and inputs, and can then test the four adc channels with multiple voltage values by using the resistors as a coarse dac.

Propeller BoE (#32900)	Propeller Activity Board (#32910)	Propeller Activity Board WX (#32912)
P0-P15 J2 header P14-P19 servo hdr. P20-P21 mic s/d adc P22-P25 micro sd P26-P27 D/A hdr	P0-P15 sip hdr. P12-P17 servo hdr. P18-P21 ADC P22-P25 micro sd P26-P27 D/A hdr	P0-P15 sip hdr. P12-P17 servo hdr. P18-P21 ADC P22-P25 micro sd P26-P27 D/A hdr
P0-P15 J2 header	P0-P15 J2 header	P0-P15 J2 header
P16-P19 servo hdr.	P16-P17 servo hdr	P16-P17 servo hdr
P20-P21 mic sig/delta	P18-P21 ADC	P18-P21 ADC
P22-P25 micro sd	P22-P25 micro sd	P22-P25 micro sd
P26-P27 D/A hdr.	P26-P27 D/A hdr.	P26-P27 D/A hdr.
22/26 pin access	20/24 pin access	20/24 pin access



* FOR BoE ONLY
NOT USED ON PAB
OR PAB WX