

When looking up the LaunchPad and BoosterPack pinout, TI provides a handy **BoosterPack Checker** website (also linked from Pages → Datasheets):

- <https://dev.ti.com/bpcchecker>
 - Select the LaunchPad and BoosterPack (they are in separate tabs on the left)
 - Click **Toggle Connector** such that the BoosterPack is on **Connector #2**.
 - Hover the mouse over the Connector #1 and #2 pins to receive information on the pin function, GPIO port and pin number, and peripheral signal name.

The screenshot shows the BoosterPack Checker interface. On the left sidebar, under 'BoosterPacks', several booster packs are listed, including the 'Educational BoosterPack MKII' which is selected. In the main area, the 'Compatibility Checker' tab is active, displaying a green banner that says 'Compatible? YES' and a reason: 'Selected combination is Fully Compatible! [Show Notes]'. Below this, the 'My Selections' section shows two items: 'BP1 Educational BoosterPack MKII' and 'LP EK-TM4C1294XL'. The 'Connector #1 (40 Pins)' panel shows a grid of pins numbered 1 to 40. A yellow circle highlights pin #31, with the text 'Use for the ADC, PWM, Timers, etc.' overlaid. The 'Connector #2 (40 Pins)' panel shows a grid of pins numbered 41 to 80. A yellow circle highlights pin #54, with the text 'Use only for the BoosterPack' overlaid. The top navigation bar includes links for New, Open, Save, and About.