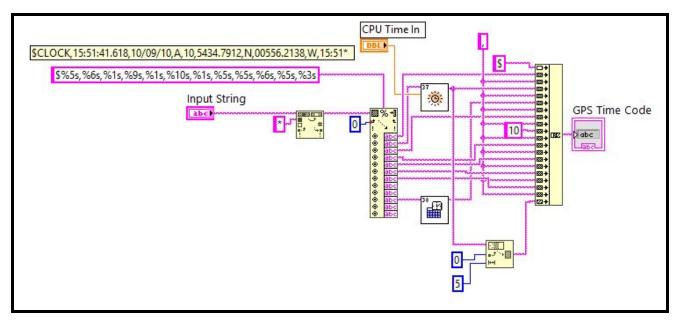


36 GPS String Manipulation receives a Garmin GPS string in the incorrect format for the rest of the OpenPMU VIs. 36 GPS String Manipulation changes this string, and returns one that the other OpenPMU VIs are expecting, in the correct format.



The VI starts by receiving the incorrect GPS string. If present, any asterisks are cleared. The string is then split into each individual data component, as they are separated by commas. Each data point is either discarded, or sent forward to the Concatenate String function. Note that the Time and Date are sent to 37 Time Conversion and 38 Date Conversion respectively. The Concatenate String takes each data component and separates them via a comma, to return a GPS Time Code in the correct format.