

* Pin configuration nodes

Required properties:

- linux,phandle : phandle of this node; likely referenced by a QE device.
- pio-map : array of pin configurations. Each pin is defined by 6 integers. The six numbers are respectively: port, pin, dir, open_drain, assignment, has_irq.
 - port : port number of the pin; 0-6 represent port A-G in UM.
 - pin : pin number in the port.
 - dir : direction of the pin, should encode as follows:
 - 0 = The pin is disabled
 - 1 = The pin is an output
 - 2 = The pin is an input
 - 3 = The pin is I/O
- open_drain : indicates the pin is normal or wired-OR:
 - 0 = The pin is actively driven as an output
 - 1 = The pin is an open-drain driver. As an output, the pin is driven active-low, otherwise it is three-stated.
- assignment : function number of the pin according to the Pin Assignment tables in User Manual. Each pin can have up to 4 possible functions in QE and two options for CPM.
- has_irq : indicates if the pin is used as source of external interrupts.

Example:

```
ucc_pin@01 {
    linux,phandle = <140001>;
    pio-map = <
/* port  pin  dir  open_drain  assignment  has_irq */
        0   3   1   0   1   0          /* TxD0 */
        0   4   1   0   1   0          /* TxD1 */
        0   5   1   0   1   0          /* TxD2 */
        0   6   1   0   1   0          /* TxD3 */
        1   6   1   0   3   0          /* TxD4 */
        1   7   1   0   1   0          /* TxD5 */
        1   9   1   0   2   0          /* TxD6 */
        1   a   1   0   2   0          /* TxD7 */
        0   9   2   0   1   0          /* RxD0 */
        0   a   2   0   1   0          /* RxD1 */
        0   b   2   0   1   0          /* RxD2 */
        0   c   2   0   1   0          /* RxD3 */
        0   d   2   0   1   0          /* RxD4 */
        1   1   2   0   2   0          /* RxD5 */
        1   0   2   0   2   0          /* RxD6 */
        1   4   2   0   2   0          /* RxD7 */
        0   7   1   0   1   0          /* TX_EN */
        0   8   1   0   1   0          /* TX_ER */
        0   f   2   0   1   0          /* RX_DV */
        0  10   2   0   1   0          /* RX_ER */
        0   0   2   0   1   0          /* RX_CLK */
        2   9   1   0   3   0          /* GTX_CLK - CLK10 */
```

```
};          2  8  2  0  1  0>      pincfg.txt
                                     /* GTX125 - CLK9 */
```