T710充电 设备树：

charger-manager {

compatible = "charger-manager";

cm-name = "battery";

cm-poll-mode = <2>;//轮询模式

cm-poll-interval = <15000>;//轮询时间间隔

cm-battery-stat = <2>;//电池在位检测方法：2：电压法

cm-fullbatt-vchkdrop-ms = <30000>;//满电后的 检查复充条件的周期

cm-fullbatt-vchkdrop-volt = <60000>;//复充的电压条件

cm-fullbatt-voltage = <4200000>; //满电电压检测

cm-first-fullbatt-current = <150000>; //满电的电流第一次检测

cm-fullbatt-current = <120000>;//满电的电流检测

cm-fullbatt-capacity = <100>;//满电显示100%

cm-num-chargers = <1>;//充电ic数量

cm-num-fast-chargers = <1>;//快充ic数量

cm-chargers = "sc2703\_charger"; //充电器名称

cm-fast-chargers = "sc2730\_fast\_charger"; //快充充电ic名字

cm-fuel-gauge = "sc27xx-fgu";//电量计名字

/\* in deci centigrade \*/

cm-battery-cold = <200>;//电池低温阈值

cm-battery-cold-in-minus;//负温标志

cm-battery-hot = <800>;//电池高温阈值

cm-battery-temp-diff = <100>; //修正异常时cold和overhead阈值

/\* Allow charging for 10hr \*/

cm-charging-max = <36000000>; //允许连续充电的最长时长10小时

/\* recovery charging after stop charging 3hr \*/

cm-discharging-max = <10800000>;//停止充电后 插着充电器 允许复充的时间

/\* the interval to feed charger watchdog \*/

cm-wdt-interval = <60>; //喂看门狗的周期

/\* drop voltage in microVolts to allow shutdown \*/

cm-shutdown-voltage = <3150000>; //电压降到3150mv 后关机

/\* when 99% of the time is exceeded, it will be forced to 100% \*/

cm-tickle-time-out = <1500>;//电量维持在99% 15分钟后跳到100%

/\* how much time to allow capacity change \*/

cm-one-cap-time = <30>;//电量增加1%的 最快时间

/\* when the safe charging voltage is exceeded, stop charging \*/

cm-charge-voltage-max = <6500000>;//充电器的过压保护阈值

/\* drop voltage in microVolts to restart charging \*/

cm-charge-voltage-drop = <700000>;

/\* when the safe charging voltage is exceeded, stop charging \*/

cm-fast-charge-voltage-max = <10500000>;

/\* drop voltage in microVolts to restart charging \*/

cm-fast-charge-voltage-drop = <700000>;//电压drop 700mv重新充电

cm-dcp-jeita-temp-table = <1000 1030 0 4400000>, <1150 1180 700000 4400000>,

<1450 1420 2000000 4400000>, <1600 1570 700000 4100000>;

cm-sdp-jeita-temp-table = <1000 1030 0 4400000>, <1150 1180 500000 4400000>,

<1450 1420 500000 4400000>, <1600 1570 500000 4100000>;

cm-cdp-jeita-temp-table = <1000 1030 0 4400000>, <1150 1180 700000 4400000>,

<1450 1420 1500000 4400000>, <1600 1570 500000 4100000>;

cm-unknown-jeita-temp-table = <1000 1030 0 4400000>, <1150 1180 500000 4400000>,

<1450 1420 500000 4400000>, <1600 1570 500000 4100000>;

cm-fchg-jeita-temp-table = <1000 1030 0 4400000>, <1150 1180 700000 4400000>,

<1450 1420 3250000 4400000>, <1600 1570 700000 4100000>;

monitored-battery = <&bat>;//电池参数信息

cm-capacity-track;

regulator@0 {

cm-regulator-name = "vddgen0";

cable@0 {

cm-cable-name = "USB";

extcon = <&pmic\_typec>;

};

};

};