Printer: CR-10 (V1)

Motherboard: BTT SKR Mini E3 V3.0

Screen: BTT SKR TFT35 V3.0

Mods: Dual Z-steppers, insulated bed, new thermistors (100k, 3950), Anti-backlash nuts.

This config is specified for my own CR-10(V1).

**This config enables Linear Advance with a K-value of 0.65!**

**!!! This config does not work in Marlin-mode as far as I know. This is because I’ve cut communication between the TFT35 Rotary encoder and the SKR Mini E3. !!!**

Changes compared to default CR-10(V1) config:

* Temp\_sensor\_0/Bed = 11
* Custom PID-values from PID-Autotune.
* AXIS\_IS\_TMC(Z), Z\_Current = 900 (more juice for dual Z)
* E0 steps per unit = 100
* Probing\_Margin = 15
* Nozzle\_to\_probe\_offset = -45, -7, 0 (Z-axis is zero because I set it in the printer later)
* Multiple\_Probing = 2
* Grid\_Max\_Points\_X = 10
* Preheat\_before\_leveling = Nozzle: 130, Bed: 60
* Restore Leveling after G28 = Enabled (override with G29 in Gcode)
* Assisted Tramming = Enabled
* Bed\_tramming\_inset\_LFRB = 48, 48, 48, 48
* Tramming\_point\_XY = (48, 48), (252, 48), (252, 252), (48, 252)
* Some custom Preheat values
* Lin\_Advance = Enabled
* K-Value = 0.65
* Removes communication between Rotary Encoder and SKR Mini E3.