

# macro.cfg

```
#####  
##  
##  Start print macro  
#####  
##  
  
[gcode_macro START_PRINT]  
gcode:  
  # Get Params  
  {% set t_extruder = params.T_EXTRUDER|default(205)|float %}  
  {% set t_bed = params.T_BED|default(60)|float %}  
  {% set b_min_x = params.BUILD_MIN_X|default(10)|float %}  
  {% set b_min_y = params.BUILD_MIN_Y|default(10)|float %}  
  {% set b_max_x = params.BUILD_MAX_X|default(133)|float %}  
  {% set b_max_y = params.BUILD_MAX_Y|default(145)|float %}  
  
  #Set LED Red  
  SET_LED LED="Licht" Red=1 GREEN=0 BLUE=0 SYNC=0 TRANSMIT=1  
  
  M117 Bett heizt  
  
  # Start  
  M140 S{t_bed}          ; Setze Heatbed Temperatur  
  M190 S{t_bed}          ; Warte auf Bed Zieltemperatur  
  
  #Set LED Blue  
  SET_LED LED="Licht" Red=0 GREEN=0 BLUE=1 SYNC=0 TRANSMIT=1  
  
  M117 Home xyz  
  
  G28                    ; Home  
  M83                    ; Extruder relativer Modus
```

## M117 Kallibrierung

# Start probing

#BED\_MESH\_CALIBRATE PROFILE=mesh1 METHOD=automatic

BED\_MESH\_CALIBRATE AREA\_START={b\_min\_x},{b\_min\_y} AREA\_END={b\_max\_x},{b\_max\_y}

G1 X5 Y5 Z15 F2200

#G1 Z0.2 F3000

G92 E0.0 ; Extruder Reset

G90 ; Absolute Positionierung

#Set LED Red

SET\_LED LED="Licht" Red=1 GREEN=0 BLUE=0 SYNC=0 TRANSMIT=1

M117 Hotend heizt

M104 S{t\_extruder} ; Setze Hotend Temperatur

M109 S{t\_extruder} ; Warte auf Hotend Zieltemperatur

#Set LED White

SET\_LED LED="Licht" RED=1 GREEN=1 BLUE=1 SYNC=0 TRANSMIT=1

# \_PRIME\_LINE;macro

G1 E8 F2000

G1 Z0.3 F3000 ; put down hotend

G1 X5 Y5 F2200

M82 ; Absolute Positionierung

G92 E0 ;zero the extruded length again

M117 Druck aktiv

#####

##

## End print macro

#####

##

```
[gcode_macro PRINT_END]
```

```
gcode:
```

```
TURN_OFF_HEATERS
```

```
G91 ; Relative Position
```

```
G1 E-5 F3000 ; Retract
```

```
G1 X-0.5 Y-0.5 E-5
```

```
G90 ; Absolute Positionierung
```

```
G1 X83 Y145 F2200 ; Bewege den Kopf nach hinten in die Mitte
```

```
M107 ; Partcooling Fan deaktivieren
```

```
M84
```

```
M117 Druck fertig
```

```
#Turn LED off
```

```
SET_LED LED="Licht" RED=0 GREEN=0 BLUE=0 SYNC=0 TRANSMIT=1
```

```
NOTIFY_PRINT_DONE
```

```
#####
```

```
##
```

```
## Prime Line macro (not in use)
```

```
#####
```

```
##
```

```
[gcode_macro _PRIME_LINE]
```

```
gcode:
```

```
G90 ; Absolute Position
```

```
G1 E10 F2000
```

```
G1 Z0.3 F3000 ; put down hotend
```

```
G1 X5 Y5 F2200
```

```
G1 X5 Y5 Z0.2 F3000 ; get ready to prime
```

```
G92 E0 ; reset extrusion distance
```

```
G1 X110 E15 F600 ; prime nozzle
```

```
G1 X140 F5000 ; quick wipe
```

```
#####
```

```
##
```

```
## Mesh probe macro (not in use)
```

```
#####
```

```
##
```

```
[gcode_macro probe_mesh]
```

```
gcode:
```

```
# Set extruder and bed temperature
```

```
M190 S60
```

```
# Home all axis
```

```
G28
```

```
# Start probing
```

```
BED_MESH_CALIBRATE PROFILE=mesh1 METHOD=automatic
```

```
# Turn off heaters afterward
```

```
TURN_OFF_HEATERS
```

---

Revision #1

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