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1 ; Configuration file for Duet WiFi (firmware version 2.00)
2 ; executed by the firmware on start-up
3 ;
4 ; generated by RepRapFirmware Configuration Tool v3.2.3 on Fri Mar 12 2021 →
   17:38:06 GMT-0600 (Central Standard Time)
5
6 ; General preferences
7 G90                                ; send absolute coordinates...
8 M83                                ; ...but relative extruder moves
9 M550 P"Pierce - Ender 3"           ; set printer name
10
11 ; Network
12 M551 P"Glur2005!"                 ; set password
13 M552 S1                            ; enable network
14 M586 P0 S1                         ; enable HTTP
15 M586 P1 S0                         ; disable FTP
16 M586 P2 S0                         ; disable Telnet
17
18 ; Drives
19 M569 P0 S0                         ; physical drive 0 goes backwards
20 M569 P1 S0                         ; physical drive 1 goes backwards
21 M569 P2 S1                         ; physical drive 2 goes forwards
22 M569 P3 S0                         ; physical drive 3 goes backwards
23 M584 X0 Y1 Z2 E3                 ; set drive mapping
24 M350 E128 I0                       ; configure microstepping without →
   interpolation
25 M350 X16 Y16 Z16 I1             ; configure microstepping with →
   interpolation
26 M92 X80.00 Y80.00 Z400.00 E93.00 ; set steps per mm
27 M566 X600.00 Y600.00 Z60.00 E300.00 ; set maximum instantaneous speed →
   changes (mm/min)
28 M203 X9000.00 Y9000.00 Z600.00 E6000.00 ; set maximum speeds (mm/min)
29 M201 X500.00 Y500.00 Z120.00 E5000.00 ; set accelerations (mm/s^2)
30 M906 X800 Y800 Z800 E900 I30       ; set motor currents (mA) and motor →
   idle factor in per cent
31 M84 S30                           ; Set idle timeout
32
33 ; Axis Limits
34 M208 X0 Y0 Z0 S1                 ; set axis minima
35 M208 X235 Y235 Z260 S0          ; set axis maxima
36
37 ; Endstops
38 M574 X1 Y1 S1                  ; set active high endstops
39 M574 Z1 S2                      ; set endstops controlled by probe
40
41 ; Z-Probe
42 M558 P1 H5 F120 T6000           ; set Z probe type to unmodulated and →
   the dive height + speeds
43 G31 P500 X-45 Y-10 Z2.5        ; set Z probe trigger value, offset →
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and trigger height
44 M557 X10:220 Y10:220 S20 ; define mesh grid
45
46 ; Heaters
47 M305 P0 T9880 B4185 R4700 ; set thermistor + ADC parameters for ↵
    heater 0
48 M143 H0 S80 ; set temperature limit for heater 0 ↵
    to 80C
49 M305 P1 T9880 B4185 R4700 ; set thermistor + ADC parameters for ↵
    heater 1
50 M143 H1 S250 ; set temperature limit for heater 1 ↵
    to 250C
51
52 ; Fans
53 M106 P0 S0 I0 F20 H-1 ; set fan 0 value, PWM signal ↵
    inversion and frequency. Thermostatic control is turned off
54 M106 P1 S0 I0 F20 H1 T45 ; set fan 1 value, PWM signal ↵
    inversion and frequency. Thermostatic control is turned on
55 M106 P2 S0 I0 F20 H1:0 T45 ; set fan 2 value, PWM signal ↵
    inversion and frequency. Thermostatic control is turned on
56
57 ; Tools
58 M563 P0 D0 H1 F0 ; define tool 0
59 G10 P0 X0 Y0 Z0 ; set tool 0 axis offsets
60 G10 P0 R0 S0 ; set initial tool 0 active and ↵
    standby temperatures to 0C
61
62 ; Custom settings
63 m918 p1 e4 ; enable 12864 LCD with 1 menu item ↵
    per encoder click
64
65 ; Miscellaneous
66 M575 P1 S1 B57600 ; enable support for PanelDue ↵
67 T0 ; select first tool
68
69
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