Si7013USB-Dongle

Key components and labels visible:

- P1 USB TYPE A
- D1 SP0503BAHT
- C1 4.7uF, C2 0.1uF
- C5 0.1uF, C6 4.7uF
- C7 0.1uF
- R10 10K
- R11 1K
- RESETn
- +3V3
- J1 GND C2CK C2D
- U2 C8051F381
  - REGIN 7, VBUS 8, VDD 6
  - P0.0–P0.7, P1.0–P1.7, P2.0–P2.7
  - RST/C2CK 9, P3.0/C2D 10
  - GND 3
- R1 10K, R2 10K
- C8 0.1uF
- D2 AMBER, R6 332
- TPV5, TPV6
- U1 Si7013
  - SDA 1, SCL 10
  - VDDA 8, VDDD 9
  - VSNS 5, VINP 6, VINN 7, ADD/VOUT 2
  - GNDD, GNDA, GND, EPAD 3
- R17 0, TPV7
- TP7 VINP/remote thermistor
- J3 NC, J4 NC
- TP6 VINN/remote thermistor
- R13 24.3K, R14 10K
- C4 0.1uF, C3 0.1uF
- J5 NC
- R12 24.3K
- thermistor interface
- R3 2K, R4 2K
- R5 0 VDD
- R7 0 CS, TP5
- R8 0 SDA, TP1
- R9 0 SCL, TP4
- RST2, SDA2, SCL2
- TP3, TP2 GND
- FH12, J2 (6 5 4 3 2 1)