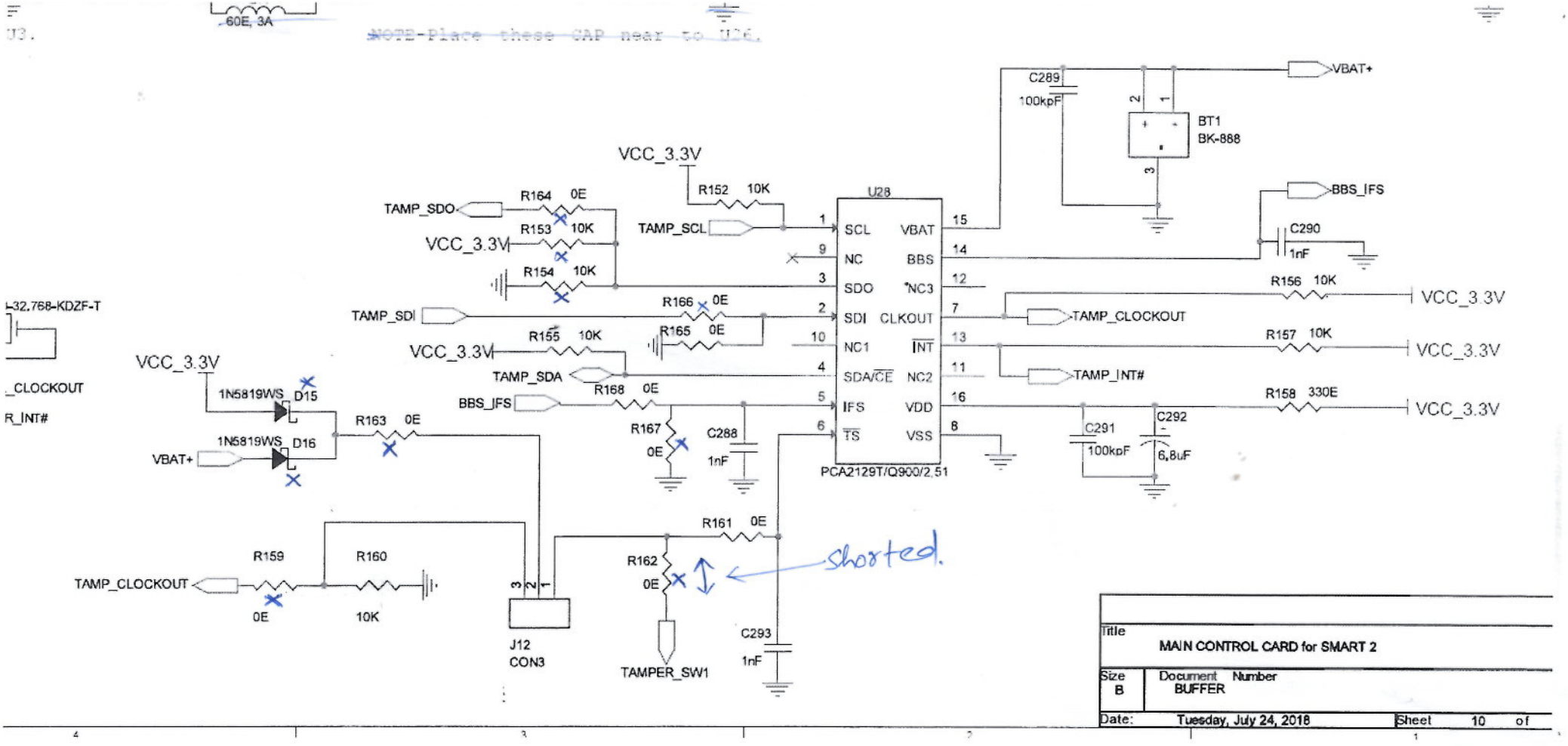
pin 1 & 3 is short in switch open state (GND) ← TS (SW1)

pin 1 & 2 " " " closed state. (open) ← TS



Not Assembled → R154, R153, R164, R166, R167, R162, R163, R159

D15, D16