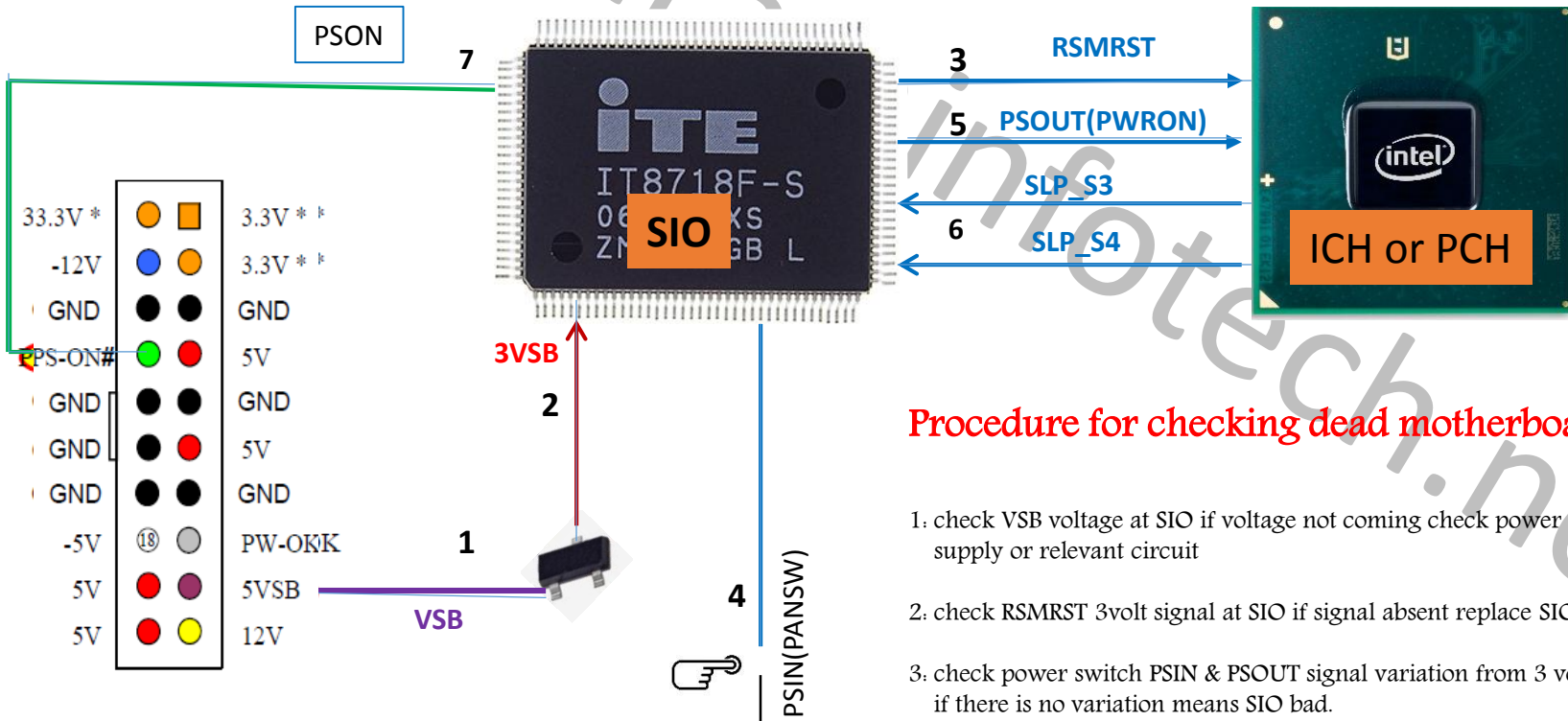


DESKTOP POWER ON SEQUENCE

PSIN(PANSW)= ON OFF SWITCH
 PSOUT(PWRON)= SIO TO ICH(PCH)
 SLP3(SUSB)= ICH(PCH) TO SIO
 SLP4(SUSC) = ICH (PCH) TO SIO
 PSON = SIO TO SMPS



Procedure for checking dead motherboard

1. check VSB voltage at SIO if voltage not coming check power supply or relevant circuit
2. check RSMRST 3volt signal at SIO if signal absent replace SIO
3. check power switch PSIN & PSOUT signal variation from 3 volt or zero volt if there is no variation means SIO bad.
4. check SLP3 (SUSB) AND SLP4(SUSC) signal from zero volt to 3volt if no variation means ICH(PCH) BAD