



Bug Fixes in BSIM4.3.0

Bug Description	Reporter	Bug Fix	Files
Parameter CKAPPAS and CKAPPAD checking	Ramy Farouk Mentor Graphic	Add parameter check to keep them positive; add a small constant to it	b4ld.c; b4check.c
Convergence Check issue	Wenliang Zhang, Avanti! Jane Xi, UCB	1)Modify the part for I _{gisl} & I _{gidl} In bypass check preparation 2)Add I _{gidl} to I _{dtot} in convergence check;	b4ld.c; B4cvtest.c
Fixed Qdef issue in NOS	Lee Wai Kit, HKUST	Exclude Qdef in bypass preparation	b4ld.c
I _{gate} not saturation with V _{DS}	Ping Chen, Celestry	Use V _{dseff} for V _{ds} in I _{gc}	b4ld.c
C _{gg} error in CapMod=1	Larry Wagner, Joe Watt IBM		b4ld.c
Thermal noise error	Ivan To, Young-Bog Park, Rainer Thoma, Motorola		b4noi.c
Typo error in Drain diode current	Andre Martinez Analog Devices		b4temp.c
R _{dsmo} =0, r _{ds} scaling with NF	Sivakumar P Mudanai Intel		b4ld.c
Gate shot noise calculation swapping	Laurens Weiss Infineon Technologies AG		b4noi.c