



Doc. No.: TD-LO18-SP-2003	Doc. Title: 0.18um Logic Low Leakage 1P6M (1P5M, 1P4M) Salicide 1.8V/5.0V SPICE Model (Version 1.3)	Doc. Rev: 4R	Tech Dev Rev.: 1.3	Page No.: 1/5
------------------------------	--	-----------------	-----------------------	------------------

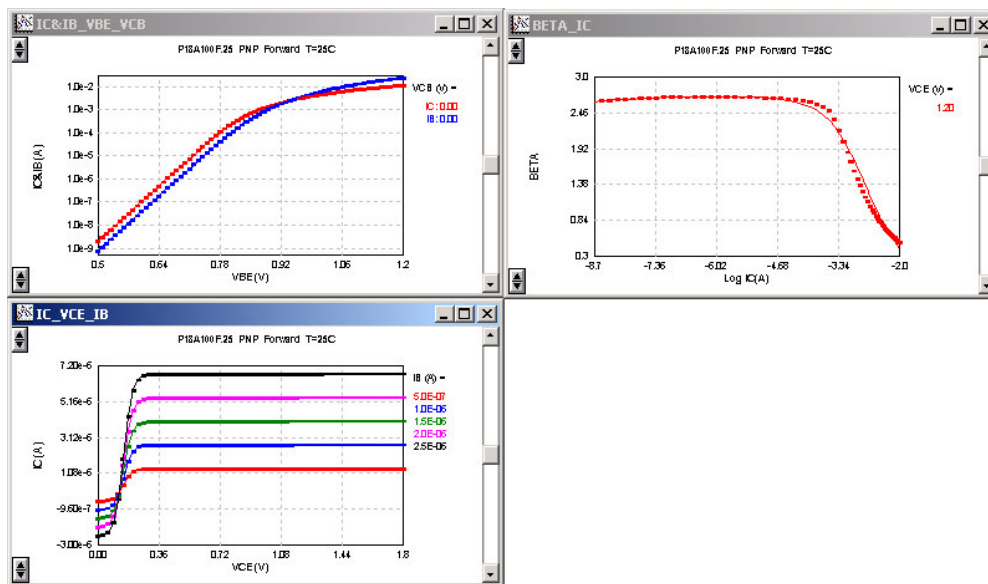


Fig.B1 Fitting results of 1.8v vertical PNP(10X10) bipolar model at temp=25C

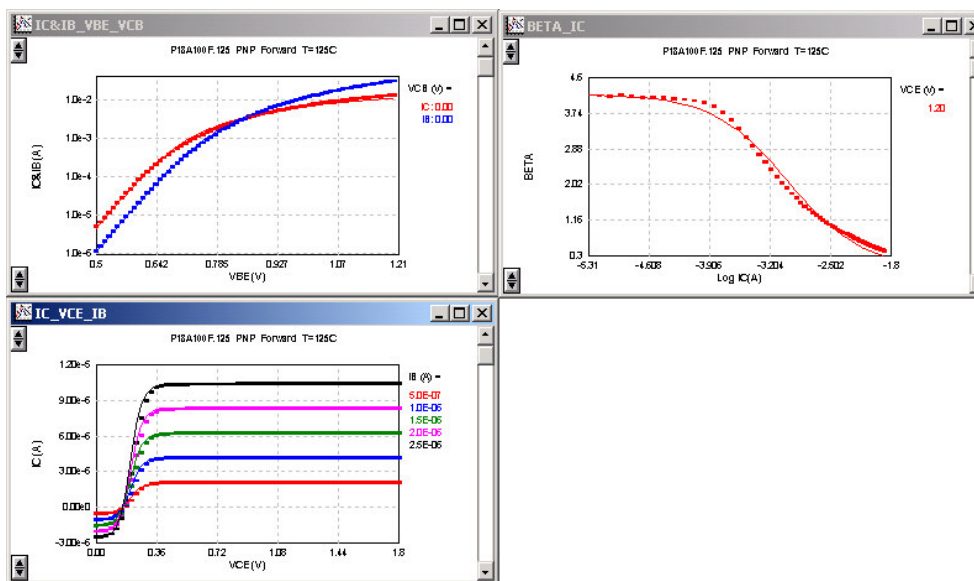


Fig.B2 Fitting results of 1.8v vertical PNP(10X10) bipolar model at temp=125C

The information contained herein is the exclusive property of SMIC, and shall not be distributed, reproduced, or disclosed in whole or in part without prior written permission of SMIC.



Doc. No.: TD-LO18-SP-2003	Doc. Title: 0.18um Logic Low Leakage 1P6M (1P5M, 1P4M) Salicide 1.8V/5.0V SPICE Model (Version 1.3)	Doc. Rev: 4R	Tech Dev Rev.: 1.3	Page No.: 2/5
---------------------------	---	--------------	--------------------	---------------

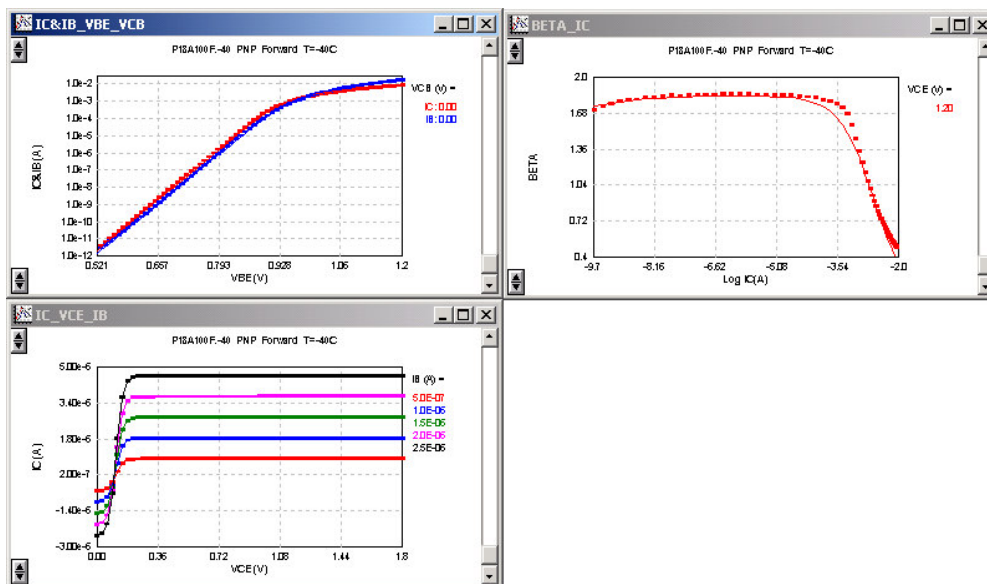


Fig.B3 Fitting results of 1.8v vertical PNP(10X10) bipolar model at temp=-40C

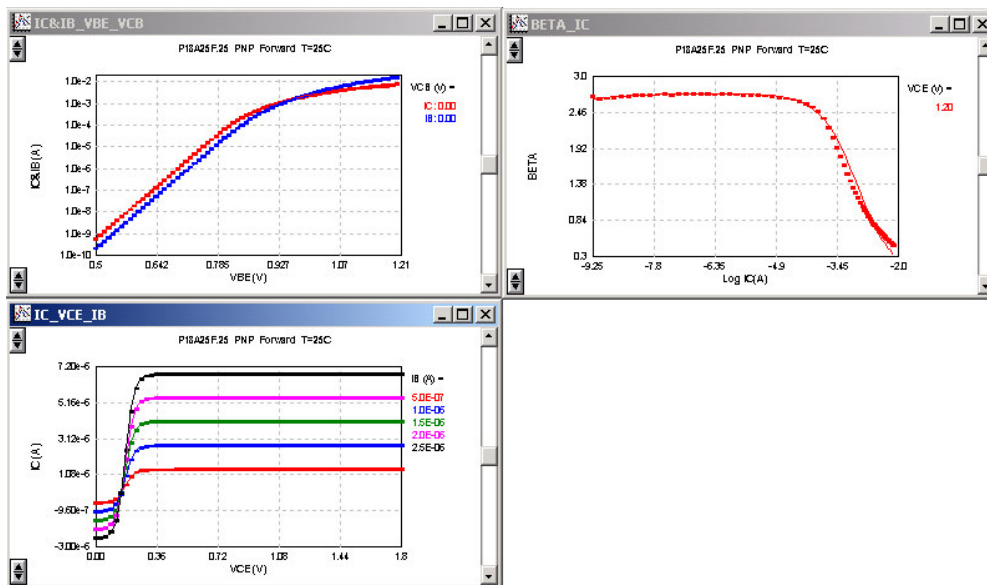


Fig.B4 Fitting results of 1.8v vertical PNP(5X5) bipolar model at temp=25C

The information contained herein is the exclusive property of SMIC, and shall not be distributed, reproduced, or disclosed in whole or in part without prior written permission of SMIC.



Doc. No.: TD-LO18-SP-2003	Doc. Title: 0.18um Logic Low Leakage 1P6M (1P5M, 1P4M) Salicide 1.8V/5.0V SPICE Model (Version 1.3)	Doc. Rev: 4R	Tech Dev Rev.: 1.3	Page No.: 3/5
---------------------------	---	--------------	--------------------	---------------

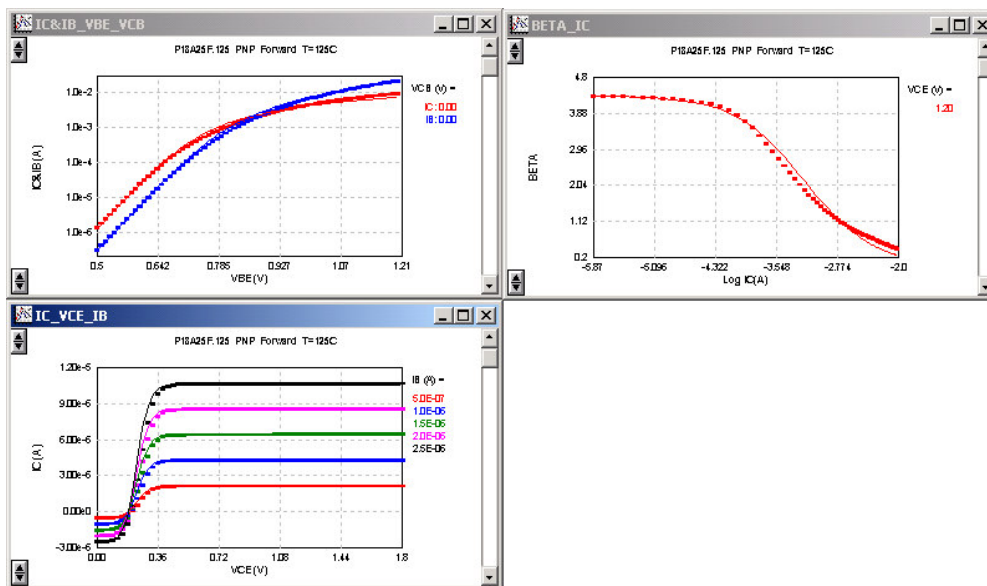


Fig.B5 Fitting results of 1.8v vertical PNP(5X5) bipolar model at temp=125C

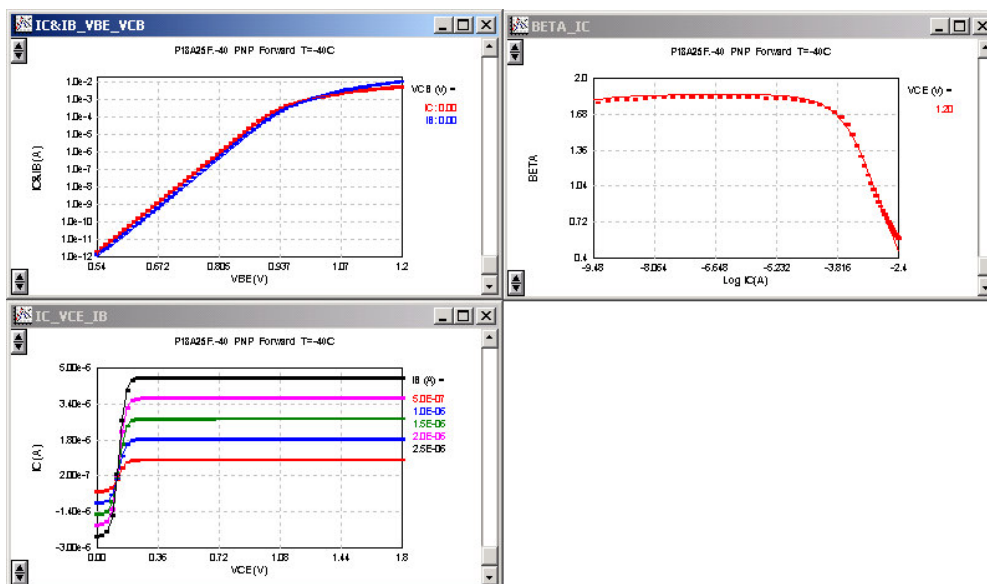


Fig.B6 Fitting results of 1.8v vertical PNP(5X5) bipolar model at temp=-40C

The information contained herein is the exclusive property of SMIC, and shall not be distributed, reproduced, or disclosed in whole or in part without prior written permission of SMIC.



Doc. No.: TD-LO18-SP-2003	Doc. Title: 0.18um Logic Low Leakage 1P6M (1P5M, 1P4M) Salicide 1.8V/5.0V SPICE Model (Version 1.3)	Doc. Rev: 4R	Tech Dev Rev.: 1.3	Page No.: 4/5
---------------------------	---	--------------	--------------------	---------------

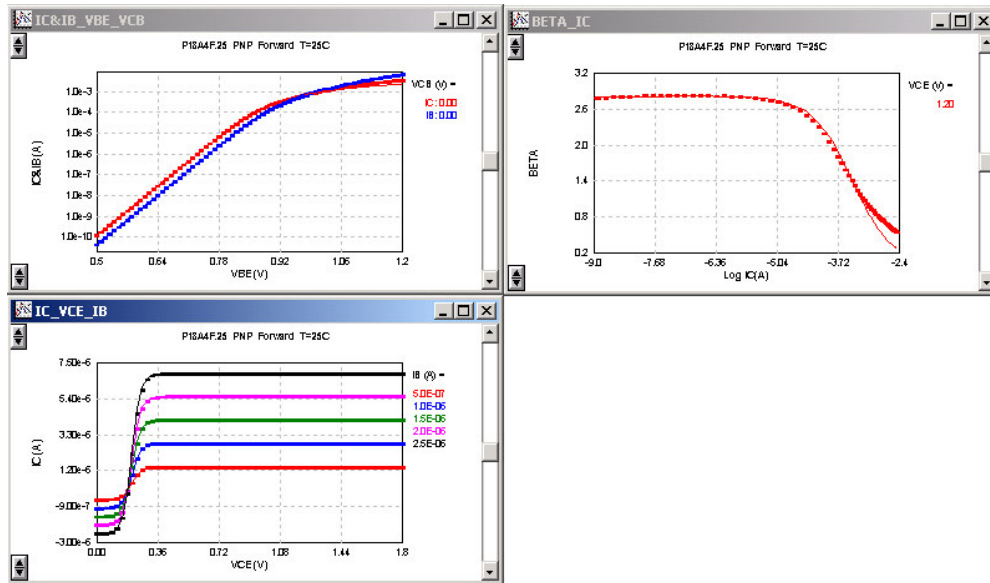


Fig.B7 Fitting results of 1.8v vertical PNP(2X2) bipolar model at temp=25C

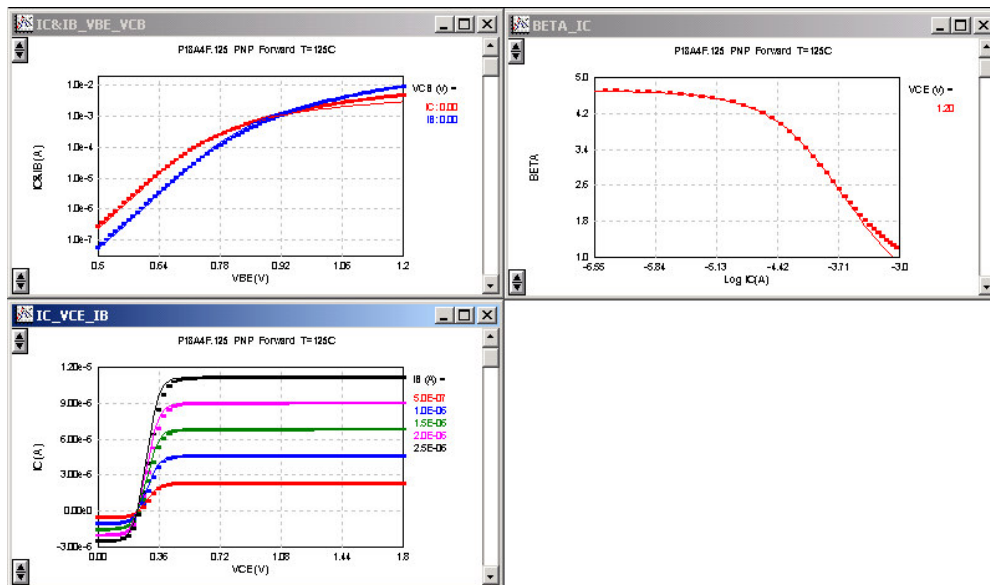


Fig.B8 Fitting results of 1.8v vertical PNP(2X2) bipolar model at temp=125C

The information contained herein is the exclusive property of SMIC, and shall not be distributed, reproduced, or disclosed in whole or in part without prior written permission of SMIC.



Doc. No.: TD-LO18-SP-2003	Doc. Title: 0.18um Logic Low Leakage 1P6M (1P5M, 1P4M) Salicide 1.8V/5.0V SPICE Model (Version 1.3)	Doc. Rev: 4R	Tech Dev Rev.: 1.3	Page No.: 5/5
------------------------------	--	-----------------	-----------------------	------------------

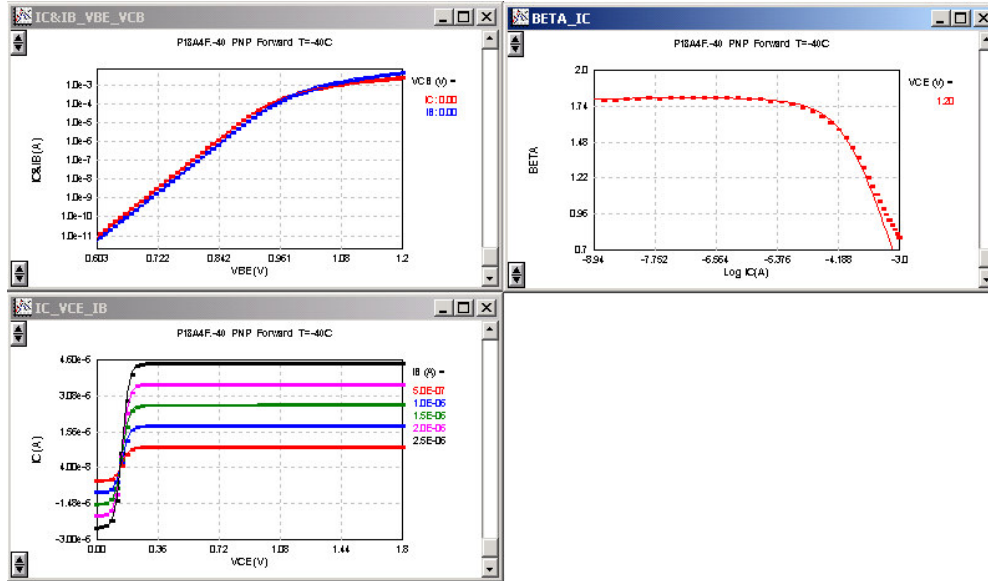


Fig.B9 Fitting results of 1.8v vertical PNP(2X2) bipolar model at temp=-40C