





**CORRELATION DATA SUMMARY:**

The correlation vehicle NIS5132MN1TXG because of the high volume and test history. There Seremban production lots will be tested at Seremban and correlated against test results at Tarlac.

**Correlation Test Summary:**

ATE Test	Tdly	Rdson	Voff	Vclamp	Vuvlo	Vhyst	IlimSC	Tslew	Vinlow	Vinmid	Vinhigh	Vinmax	Iinlow	IbiasOp	IbiasTher
DS Values	µSec	mΩ	mV	V	V	V	Amps	mSec	V	V	V	V	µA	mA	mA
High Limit	500.000	55.000	300.000	16.200	9.300	1.200	4.250	1.800	0.810	1.950	3.300	5.200	-5.500	2.500	2.500
Low Limit	100.000	35.000	25.000	14.000	7.700	0.600	2.750	0.500	0.350	0.820	1.960	3.400	-25.000	0.150	0.150
<b>Lot-A SBN, Mfg Lot PG07QF2E3, Wafer Lot RJ7273860E</b>															
Mean	287.305	44.266	62.365	15.385	8.457	0.984	3.638	0.989	0.537	1.339	2.373	4.721	-11.979	1.811	1.808
Std Dev	4.213	0.565	2.723	0.219	0.097	0.023	0.157	0.072	0.019	0.028	0.093	0.049	0.440	0.038	0.038
<b>Lot-A Tarlac, Mfg Lot PG07QF2E3, Wafer Lot RJ7273860E</b>															
Mean	283.551	44.457	62.476	15.381	8.446	0.985	3.616	0.912	0.548	1.393	2.372	4.721	-12.042	1.818	1.813
Std Dev	4.071	0.559	2.736	0.219	0.096	0.023	0.148	0.063	0.017	0.015	0.096	0.049	0.424	0.037	0.037
<b>Lot-B SBN, Mfg Lot PG08QF2GN, Wafer Lot RJ7674160E</b>															
Mean	272.900	44.880	71.016	15.377	8.603	1.016	3.563	0.885	0.550	1.351	2.342	4.730	-12.537	1.958	1.955
Std Dev	5.476	0.741	3.102	0.216	0.097	0.023	0.159	0.066	0.018	0.017	0.100	0.048	0.476	0.047	0.047
<b>Lot-B Tarlac, Mfg Lot PG08QF2GN, Wafer Lot RJ7674160E</b>															
Mean	269.050	45.301	71.836	15.367	8.580	1.015	3.532	0.792	0.556	1.401	2.338	4.730	-12.713	1.965	1.960
Std Dev	5.334	0.734	3.107	0.215	0.096	0.022	0.156	0.055	0.016	0.017	0.108	0.048	0.463	0.046	0.046
<b>Lot-C SBN, Mfg Lot PG08QF2KJ, Wafer Lot RJ7447460A</b>															
Mean	277.581	44.917	68.484	15.389	8.575	0.987	3.637	0.876	0.549	1.355	2.390	4.729	-12.455	1.896	1.893
Std Dev	5.665	0.452	3.079	0.215	0.107	0.023	0.159	0.070	0.019	0.018	0.089	0.051	0.513	0.051	0.051
<b>Lot-C Tarlac, Mfg Lot PG08QF2KJ, Wafer Lot RJ7447460A</b>															
Mean	272.936	45.280	69.252	15.380	8.555	0.986	3.614	0.795	0.557	1.416	2.392	4.726	-12.542	1.903	1.898
Std Dev	5.675	0.465	3.146	0.219	0.106	0.023	0.152	0.062	0.017	0.015	0.093	0.050	0.505	0.050	0.050

**List of affected eFuse Parts and changed part identification:**

OPN	SBN Marking		Tarlac Marking	
	Line-1	Line-2	Line-1	Line-2
NIS5132MN1TXG	32	Ryw	32	Ryw1
NIS5132MN2TXG	32H	Ryw	32H	Ryw1
NIS5132MN3TXG	32B	Ryw	32B	Ryw1
NIS5132MN4TXG	324	Ryw	324	Ryw1
NIS5135MN1TXG	35	Ryw	35	Ryw1
NIS5135MN2TXG	35H	Ryw	35H	Ryw1
NIS5135MN4TXG	354	Ryw	354	Ryw1
NIS5232MN1TXG	232	Ryw	232	Ryw1

**Electrical Characteristic Summary:**

Data are available upon request or contact <ed.pope@onsemi.com>



List of Affected Standard Parts:	
Part Number	Qualification Vehicle
NIS5132MN1TXG	NIS5132MN1TXG
NIS5132MN2TXG	
NIS5135MN1TXG	
NIS5135MN2TXG	
NIS5232MN1TXG	