

6P80038 Qualification Report

Charaterization Summary

Lot Tested	Temperature	Quantity	Vdd(min)	Vdd(max)
RC01927M	-5C/25C/105C	21	2.8	3.7
RC01928M	-5C/25C/105C	20	2.8	3.7
RC01929M	-5C/25C/105C	20	2.8	3.7

Parameters Stastical Analysis

Specs Tested Conditions	VOL(V)		VOH(V)		VIH(V)	VIL(V)	IDD(mA)		Delay(%)	
	Load=1mA	Load=10mA	Load=1mA	Load=10mA			Static	Dynamic	2 to 8uS	8 to 20uS
count	1830	1830	1830	1830	1830	1830	1830	1830	73200	111630
mean	0.026	0.253	3.222	3.002	1.907	1.639	3.822	3.880	0.905	0.496
std	0.002	0.007	0.288	0.292	0.153	0.152	0.158	0.160	1.328	0.735
min	0.022	0.242	2.765	2.523	1.650	1.350	3.452	3.503	-3.000	-2.000
0.25	0.026	0.247	2.972	2.752	1.800	1.500	3.704	3.759	0.000	0.000
0.5	0.027	0.251	3.221	2.999	1.900	1.650	3.812	3.863	1.000	0.596
0.75	0.027	0.257	3.474	3.260	2.050	1.750	3.938	3.989	2.000	1.000
max	0.030	0.278	3.675	3.466	2.200	1.900	4.239	4.326	4.500	2.605

Parameters Histograms Table

