

Table 1-1. ADSP-218x Family Processors (Cont'd)

Processor	Package	Pro-gram RAM	Data RAM	MIPS (Max)	Typical Core Supply Voltage	Typical I/O Supply Voltage	Maximum Input Voltage
ADSP-2186	100-LQFP 144-miniBGA	8 K	8 K	40	5.0		Supply + .5
ADSP-2186L ¹	100-LQFP 144-miniBGA	8 K	8 K	40	3.3		Supply + .5
ADSP-2186M ²	100-LQFP 144-miniBGA	8 K	8 K	75	2.5	2.5 or 3.3	3.6
ADSP-2186N ³	100-LQFP 144-miniBGA	8 K	8 K	80	1.8	1.8, 2.5 or 3.3	3.6
ADSP-2187L ¹	100-LQFP	32 K	32 K	52	3.3		Supply + .5
ADSP-2187N ³	100-LQFP 144-miniBGA	32 K	32 K	80	1.8	1.8, 2.5 or 3.3	3.6
ADSP-2188M ²	100-LQFP 144-miniBGA	48 K	56 K	75	2.5	2.5 or 3.3	3.6
ADSP-2188N ³	100-LQFP 144-miniBGA	48 K	56 K	80	1.8	1.8, 2.5 or 3.3	3.6