

## ADSP-218x Family Processors

The ADSP-218x family includes 18 members. [Table 1-1](#) lists the members and identifies their basic distinguishing features. For additional features, see [Chapter C, “Advanced Product Features.”](#)

Table 1-1. ADSP-218x Family Processors

Processor	Package	Pro-gram RAM	Data RAM	MIPS (Max)	Typical Core Supply Voltage	Typical I/O Supply Voltage	Maximum Input Voltage
ADSP-2181	128-LQFP 128-MQFP	16 K	16 K	40	5.0		Supply + .5
ADSP-2183	128-LQFP 144-miniBGA	16 K	16 K	52	3.3		Supply + .5
ADSP-2184	100-LQFP	4 K	4 K	40	5.0		Supply + .5
ADSP-2184L <sup>1</sup>	100-LQFP	4 K	4 K	40	3.3		Supply + .5
ADSP-2184N <sup>3</sup>	100-LQFP 144-miniBGA	4 K	4 K	80	1.8	1.8, 2.5 or 3.3	3.6
ADSP-2185	100-LQFP	16 K	16 K	33	5.0		Supply + .5
ADSP-2185L <sup>1</sup>	100-LQFP 144-miniBGA	16 K	16 K	52	3.3		Supply + .5
ADSP-2185M <sup>2</sup>	100-LQFP 144-miniBGA	16 K	16 K	75	2.5	2.5 or 3.3	3.6
ADSP-2185N <sup>3</sup>	100-LQFP 144-miniBGA	16 K	16 K	80	1.8	1.8, 2.5 or 3.3	3.6