

# ADI Complementary Parts Guide

## Supervisory Devices and DSP Processors

ADI Processor Family	DSP Supply Voltage	Reset Generators Only		With Open-Drain Output			With Manual Reset	
<b>ADSP-BF5xx Blackfin Platform</b>								
ADSP-BF52x	0.9 V to 1.4 V core 1.8 V to 3.3 V I/O	—	—	—	—	—	—	—
ADSP-BF531	0.8 V to 1.2 V core 1.8 V to 3.3 V I/O	ADM809(T/S/R/Z)	ADM1815	ADM803(T/S/R/Z)	ADM8617(S/R)	ADM1816/ADM1818 <sup>1</sup>	ADM811(T/S/R/Z)	ADM6711/ADM6713(T/S/R/Z)
ADSP-BF532	0.8 V to 1.2 V core 1.8 V to 3.3 V I/O	ADM809(T/S/R/Z)	ADM1815	ADM803(T/S/R/Z)	ADM8617(S/R)	ADM1816/ADM1818 <sup>1</sup>	ADM811(T/S/R/Z)	ADM6711/ADM6713(T/S/R/Z)
ADSP-BF533	0.8 V to 1.4 V core 1.8 V to 3.3 V I/O	ADM809(T/S/R/Z)	ADM1815	ADM803(T/S/R/Z)	ADM8617(S/R)	ADM1816/ADM1818 <sup>1</sup>	ADM811(T/S/R/Z)	ADM6711/ADM6713(T/S/R/Z)
ADSP-BF534	0.8 V to 1.2 V core 2.5 V to 3.3 V I/O	ADM809(T/S/R/Z)	ADM1815	ADM803(T/S/R/Z)	ADM8617(S/R)	ADM1816/ADM1818	ADM811(T/S/R/Z)	ADM6711/ADM6713(T/S/R/Z)
ADSP-BF535	1.0 V to 1.6 V core 2.5 V to 3.3 V I/O	ADM809(T/S/R/Z)	ADM1815	ADM803(T/S/R/Z)	ADM8617(S/R)	ADM1816/ADM1818 <sup>1</sup>	ADM811(T/S/R/Z)	ADM6711/ADM6713(T/S/R/Z)
ADSP-BF536	0.8 V to 1.2 V core 2.5 V to 3.3 V I/O	ADM809(T/S/R/Z)	ADM1815	ADM803(T/S/R/Z)	ADM8617(S/R)	ADM1816/ADM1818	ADM811(T/S/R/Z)	ADM6711/ADM6713(T/S/R/Z)
ADSP-BF537	0.8 V to 1.2 V core 2.5 V to 3.3 V I/O	ADM809(T/S/R/Z)	ADM1815	ADM803(T/S/R/Z)	ADM8617(S/R)	ADM1816/ADM1818 <sup>1</sup>	ADM811(T/S/R/Z)	ADM6711/ADM6713(T/S/R/Z)
ADSP-BF54x	0.9 V to 1.4 V core 2.5 V to 3.3 V I/O	ADM809(T/S/R/Z)	ADM1815	ADM803(T/S/R/Z)	ADM8617(S/R)	ADM1816/ADM1818 <sup>1</sup>	ADM811(T/S/R/Z)	ADM6711/ADM6713(T/S/R/Z)
ADSP-BF561	0.8 V to 1.4 V core 2.5 V to 3.3 V I/O	ADM809(T/S/R/Z)	ADM1815	ADM803(T/S/R/Z)	ADM8617(S/R)	ADM1816/ADM1818 <sup>1</sup>	ADM811(T/S/R/Z)	ADM6711/ADM6713(T/S/R/Z)
<b>ADSP-TSxxx TigerSHARC Platform<sup>2</sup></b>								
ADSP-TS101S	1.2 V core 3.3 V I/O	ADM809(T/S)	ADM1815(5/10)	ADM803(T/S)	ADM8617(R)	ADM1816/ADM1818(5/10) <sup>1</sup>	ADM811(T/S)	ADM6711/ADM6713(T/S)
ADSP-TS201S	1.05 V core 2.5 V I/O	ADM809(Z)	ADM1815(R23/R22)	ADM803(Z)	ADM8617(Z)	ADM1816/ADM1818(R23/R22) <sup>1</sup>	ADM811(Z)	ADM6711/ADM6713(Z)
ADSP-TS202S	1.05 V core 2.5 V I/O	ADM809(Z)	ADM1815(R23/R22)	ADM803(Z)	ADM8617(Z)	ADM1816/ADM1818(R23/R22) <sup>1</sup>	ADM811(Z)	ADM6711/ADM6713(Z)
ADSP-TS203S	1.05 V core 2.5 V I/O	ADM809(Z)	ADM1815(R23/R22)	ADM803(Z)	ADM8617(Z)	ADM1816/ADM1818(R23/R22) <sup>1</sup>	ADM811(Z)	ADM6711/ADM6713(Z)
<b>ADSP-21xxx SHARC Platform</b>								
ADSP-21065L	3.3 V core 3.3 V I/O	ADM809(T/S)	ADM1815(5/10)	ADM803(T/S)	ADM8617(R)	ADM1816/ADM1818(5/10) <sup>1</sup>	ADM811(T/S)	ADM6711/ADM6713(T/S)
ADSP-21160M	2.5 V core 3.3 V I/O	ADM809(Z)	ADM1815(R23/R22)	ADM803(Z)	ADM8617(R)	ADM1816/ADM1818(R23/R22) <sup>1</sup>	ADM811(Z)	ADM6711/ADM6713(Z)
ADSP-21160N	1.8 V core 3.3 V I/O	ADM809(T/S)	ADM1815(5/10)	ADM803(T/S)	ADM8617(R)	ADM1816/ADM1818(5/10) <sup>1</sup>	ADM811(T/S)	ADM6711/ADM6713(T/S)
ADSP-21161N	1.8 V core 3.3 V I/O	ADM809(T/S)	ADM1815(5/10)	ADM803(T/S)	ADM8617(R)	ADM1816/ADM1818(5/10) <sup>1</sup>	ADM811(T/S)	ADM6711/ADM6713(T/S)
ADSP-21261	1.2 V core 3.3 V I/O	ADM809(T/S)	ADM1815(5/10)	ADM803(T/S)	ADM8617(R)	ADM1816/ADM1818(5/10) <sup>1</sup>	ADM811(T/S)	ADM6711/ADM6713(T/S)
ADSP-21262	1.2 V core 3.3 V I/O	ADM809(T/S)	ADM1815(5/10)	ADM803(T/S)	ADM8617(R)	ADM1816/ADM1818(5/10) <sup>1</sup>	ADM811(T/S)	ADM6711/ADM6713(T/S)
ADSP-21266	1.2 V core 3.3 V I/O	ADM809(T/S)	ADM1815(5/10)	ADM803(T/S)	ADM8617(R)	ADM1816/ADM1818(5/10) <sup>1</sup>	ADM811(T/S)	ADM6711/ADM6713(T/S)
ADSP-21267	1.2 V core 3.3 V I/O	ADM809(T/S)	ADM1815(5/10)	ADM803(T/S)	ADM8617(R)	ADM1816/ADM1818(5/10) <sup>1</sup>	ADM811(T/S)	ADM6711/ADM6713(T/S)
ADSP-21363	1.2 V core 3.3 V I/O	ADM809(T/S)	ADM1815(5/10)	ADM803(T/S)	ADM8617(R)	ADM1816/ADM1818(5/10) <sup>1</sup>	ADM811(T/S)	ADM6711/ADM6713(T/S)
ADSP-21364	1.2 V core 3.3 V I/O	ADM809(T/S)	ADM1815(5/10)	ADM803(T/S)	ADM8617(R)	ADM1816/ADM1818(5/10) <sup>1</sup>	ADM811(T/S)	ADM6711/ADM6713(T/S)
ADSP-21366	1.2 V core 3.3 V I/O	ADM809(T/S)	ADM1815(5/10)	ADM803(T/S)	ADM8617(R)	ADM1816/ADM1818(5/10) <sup>1</sup>	ADM811(T/S)	ADM6711/ADM6713(T/S)
ADSP-21367	1.2 V core 3.3 V I/O	ADM809(T/S)	ADM1815(5/10)	ADM803(T/S)	ADM8617(R)	ADM1816/ADM1818(5/10) <sup>1</sup>	ADM811(T/S)	ADM6711/ADM6713(T/S)
ADSP-21368	1.2 V core 3.3 V I/O	ADM809(T/S)	ADM1815(5/10)	ADM803(T/S)	ADM8617(R)	ADM1816/ADM1818(5/10) <sup>1</sup>	ADM811(T/S)	ADM6711/ADM6713(T/S)
ADSP-21371	1.2 V core 3.3 V I/O	ADM809(T/S)	ADM1815(5/10)	ADM803(T/S)	ADM8617(R)	ADM1816/ADM1818(5/10) <sup>1</sup>	ADM811(T/S)	ADM6711/ADM6713(T/S)
ADSP-21375	1.2 V core 3.3 V I/O	ADM809(T/S)	ADM1815(5/10)	ADM803(T/S)	ADM8617(R)	ADM1816/ADM1818(5/10) <sup>1</sup>	ADM811(T/S)	ADM6711/ADM6713(T/S)
<b>ADSP-21xx Platform</b>								
ADSP-2184N	1.8 V core 3.3 V I/O	ADM809(T/S)	ADM1815(5/10)	ADM803(T/S)	ADM8617(W)	ADM1816/ADM1818(5/10) <sup>1</sup>	ADM811(T/S)	ADM6711/ADM6713(T/S)
ADSP-2185M	2.5 V core 3.3 V I/O	ADM809(Z)	ADM1815(R23/R22)	ADM803(Z)	ADM8617(Z)	ADM1816/ADM1818(R23/R22) <sup>1</sup>	ADM811(Z)	ADM6711/ADM6713(Z)
ADSP-2185N	1.8 V core 3.3 V I/O	ADM809(T/S)	ADM1815(5/10)	ADM803(T/S)	ADM8617(W)	ADM1816/ADM1818(5/10) <sup>1</sup>	ADM811(T/S)	ADM6711/ADM6713(T/S)
ADSP-2186M	2.5 V core 3.3 V I/O	ADM809(Z)	ADM1815(R23/R22)	ADM803(Z)	ADM8617(Z)	ADM1816/ADM1818(R23/R22) <sup>1</sup>	ADM811(Z)	ADM6711/ADM6713(Z)
ADSP-2186N	1.8 V core 3.3 V I/O	ADM809(T/S)	ADM1815(5/10)	ADM803(T/S)	ADM8617(W)	ADM1816/ADM1818(5/10) <sup>1</sup>	ADM811(T/S)	ADM6711/ADM6713(T/S)
ADSP-2187N	1.8 V core 3.3 V I/O	ADM809(T/S)	ADM1815(5/10)	ADM803(T/S)	ADM8617(W)	ADM1816/ADM1818(5/10) <sup>1</sup>	ADM811(T/S)	ADM6711/ADM6713(T/S)
ADSP-2188M	2.5 V core 3.3 V I/O	ADM809(Z)	ADM1815(R23/R22)	ADM803(Z)	ADM8617(Z)	ADM1816/ADM1818(R23/R22) <sup>1</sup>	ADM811(Z)	ADM6711/ADM6713(Z)
ADSP-2188N	1.8 V core 3.3 V I/O	ADM809(T/S)	ADM1815(5/10)	ADM803(T/S)	ADM8617(W)	ADM1816/ADM1818(5/10) <sup>1</sup>	ADM811(T/S)	ADM6711/ADM6713(T/S)
ADSP-2189M	2.5 V core 3.3 V I/O	ADM809(Z)	ADM1815(R23/R22)	ADM803(Z)	ADM8617(Z)	ADM1816/ADM1818(R23/R22) <sup>1</sup>	ADM811(Z)	ADM6711/ADM6713(Z)
ADSP-2189N	1.8 V core 3.3 V I/O	ADM809(T/S)	ADM1815(5/10)	ADM803(T/S)	ADM8617(W)	ADM1816/ADM1818(5/10) <sup>1</sup>	ADM811(T/S)	ADM6711/ADM6713(T/S)
ADSP-2191M	2.5 V core 3.3 V I/O	ADM809(Z)	ADM1815(R23/R22)	ADM803(Z)	ADM8617(Z)	ADM1816/ADM1818(R23/R22) <sup>1</sup>	ADM811(Z)	ADM6711/ADM6713(Z)
ADSP-2196M	2.5 V core 3.3 V I/O	ADM809(Z)	ADM1815(R23/R22)	ADM803(Z)	ADM8617(Z)	ADM1816/ADM1818(R23/R22) <sup>1</sup>	ADM811(Z)	ADM6711/ADM6713(Z)

NOTES  
<sup>1</sup>Weak internal pull-up that can be overdriven by external resistor.  
<sup>2</sup>DSP eDRAM Voltage = 1.5 V (nominal).  
<sup>3</sup>The ADM113305-4 and ADM113305-5 combine an adjustable reset threshold and a fixed reset threshold of 3.3 V and 2.5 V, respectively.

