

**Low Power SDRAM**

Part Number	Configuration	Voltage Range	Speed	Features	Package	Engineering Samples	Production
16Mb LPSDRAM							
N16D1618LPAC2	1Mb x 16	1.65V - 1.95V	133/166MHz	Low Power	60-FBGA/Green	Now	Now
N16D1618LPAT	1Mb x 16	1.65V - 1.95V	133/166MHz	Low Power	50-TSOP2/Green	Now	Now
N16D1625LPAC2	1Mb x 16	2.3V - 2.7V	133/166MHz	Low Power	60-FBGA/Green	Now	Now
N16D1625LPAT	1Mb x 16	2.3V - 2.7V	133/166MHz	Low Power	50-TSOP2/Green	Now	Now
N16D1633LPAC2	1Mb x 16	2.7V - 3.6V	133/166MHz	Low Power	60-FBGA/Green	Now	Now
N16D1633LPAT	1Mb x 16	2.7V - 3.6V	133/166MHz	Low Power	50-TSOP2/Green	Now	Now
N16D1618LPAW	1Mb x 16	1.65V - 1.95V	133MHz	Low Power	Green Wafer	Now	Now
N16D1625LPAW	1Mb x 16	2.3V - 2.7V	133MHz	Low Power	Green Wafer	Now	Now
N16D1633LPAW	1Mb x 16	2.7V - 3.6V	133MHz	Low Power	Green Wafer	Now	Now
32Mb LPSDRAM							
N32D3218LPAF2	1Mb x 32	1.65V - 1.95V	100/133MHz	Low Power	90-FBGA/Green	Now	Now
N32D3225LPAF2	1Mb x 32	2.3V - 2.7V	100/133MHz	Low Power	90-FBGA/Green	Now	Now
N32D3233LPAF2	1Mb x 32	2.7V - 3.6V	100/133/166MHz	Low Power	90-FBGA/Green	Now	Now
N32D3218LPAW	1Mb x 32	1.65V - 1.95V	100MHz	Low Power	Green Wafer	Now	Now
N32D3225LPAW	1Mb x 32	2.3V - 2.7V	100MHz	Low Power	Green Wafer	Now	Now
N32D3233LPAW	1Mb x 32	2.7V - 3.6V	133MHz	Low Power	Green Wafer	Now	Now

Low Power Mobile SDRAM

Part Number	Configuration	Voltage Range	Speed	Features	Package	Engineering Samples	Production
64Mb Mobile SDRAM							
N64D3218LPAF2	2Mb x 32	1.65V - 1.95V	100/133/166MHz	Low Power	90-FBGA/Green	Q3 2007	Q4 2007
N64D1618LPAG2	4Mb x 16	1.65V - 1.95V	100/133/166MHz	Low Power	54-FBGA/Green	Q3 2007	Q4 2007
N64D3233LPAF2	2Mb x 32	2.7V - 3.6V	100/133/166MHz	Low Power	90-FBGA/Green	Q3 2007	Q4 2007
N64D1633LPAG2	4Mb x 16	2.7V - 3.6V	100/133/166MHz	Low Power	54-FBGA/Green	Q3 2007	Q4 2007
N64D3218LPAW	2Mb x 32	1.65V - 1.95V	166MHz	Low Power	Green Wafer	Q3 2007	Q4 2007
N64D1618LPAW	4Mb x 16	1.65V - 1.95V	166MHz	Low Power	Green Wafer	Q3 2007	Q4 2007
N64D3233LPAW	2Mb x 32	2.7V - 3.6V	166MHz	Low Power	Green Wafer	Q3 2007	Q4 2007
N64D1633LPAW	4Mb x 16	2.7V - 3.6V	166MHz	Low Power	Green Wafer	Q3 2007	Q4 2007
128Mb Mobile SDRAM							
N128D3218LPAF2	4Mb x 32	1.65V - 1.95V	100/133/166MHz	Low Power	90-FBGA/Green	Q2 2007	Q3 2007
N128D1618LPAG2	8Mb x 16	1.65V - 1.95V	100/133/166MHz	Low Power	54-FBGA/Green	Q2 2007	Q3 2007
N128D3233LPAF2	4Mb x 32	2.7V - 3.6V	100/133/166MHz	Low Power	90-FBGA/Green	Q2 2007	Q3 2007
N128D1633LPAG2	8Mb x 16	2.7V - 3.6V	100/133/166MHz	Low Power	54-FBGA/Green	Q2 2007	Q3 2007
N128D3218LPAW	4Mb x 32	1.65V - 1.95V	133MHz	Low Power	Green Wafer	Q2 2007	Q3 2007

N128D1618LPAW	8Mb x 16	1.65V - 1.95V	133MHz	Low Power	Green Wafer	Q2 2007	Q3 2007
N128D3233LPAW	4Mb x 32	2.7V - 3.6V	133MHz	Low Power	Green Wafer	Q2 2007	Q3 2007
N128D1633LPAW	8Mb x 16	2.7V - 3.6V	133MHz	Low Power	Green Wafer	Q2 2007	Q3 2007

Low Power Mobile DDR

Part Number	Configuration	Voltage Range	Speed	Features	Package	Engineering Samples	Production
128Mb Mobile DDR							
N128R3218LPAF2	4Mb x 32	1.65V - 1.95V	100/133/166MHz	Low Power	90-FBGA/Green	Q3 2007	Q4 2007
N128R1618LPAC2	8Mb x 16	1.65V - 1.95V	100/133/166MHz	Low Power	60-FBGA/Green	Q3 2007	Q4 2007
N128R3225LPAF2	4Mb x 32	2.3V - 2.7V	133/166/200MHz	Low Power	90-FBGA/Green	Q3 2007	Q4 2007
N128R1625LPAC2	8Mb x 16	2.3V - 2.7V	133/166/200MHz	Low Power	60-FBGA/Green	Q3 2007	Q4 2007
N128R3218LPAW	4Mb x 32	1.65V - 1.95V	100MHz	Low Power	Green Wafer	Q3 2007	Q4 2007
N128R1618LPAW	8Mb x 16	1.65V - 1.95V	100MHz	Low Power	Green Wafer	Q3 2007	Q4 2007
N128R3225LPAW	4Mb x 32	2.3V - 2.7V	133MHz	Low Power	Green Wafer	Q3 2007	Q4 2007
N128R1625LPAW	8Mb x 16	2.3V - 2.7V	133MHz	Low Power	Green Wafer	Q3 2007	Q4 2007

Low Power Pseudo SRAM

Part Number	Configuration	Voltage Range	Speed	Features	Package	Engineering Samples	Production
32Mb AD MUX PSRAM							
N32T1618MXAW	2Mb x 16	1.7V - 1.95V	83MHz/70ns	AD MUX	Green Wafer	Now	Now

DDR SDRAM

Part Number	Configuration	Voltage Range	Speed	Features	Package	Engineering Samples	Production
128Mb DDR SDRAM							
N128R3225GAK2 -50	4Mb x 32	2.5V	200MHz	SSTL_2	144-FBGA/Green	Now	Now
N128R3225GAK2 -60	4Mb x 32	2.5V	166MHz	SSTL_2	144-FBGA/Green	Now	Now