DRAM

LPDDR Products list

LPDDR5 for PC

Part No.	Density	Voltage (VDD/VDD2/VDDQ)	Speed	Package	Product Status
H9JKNNNFB3AECR-N6H	64Gb (8GB)	1.8V / 1.05V / 0.5V	6400Mbps	496Ball	MP

LPDDR5 for Mobile

Part No.	Density	Voltage (VDD/VDD2/VDDQ)	Speed	Package	Product Status
H58GG6MK6GX037N	96Gb (12GB)	1.8V / 1.05V / 0.5V	6400Mbps	496Ball	CS
H9JKNNNHA3MVJR-N6H	96Gb (12GB)	1.8V / 1.05V / 0.5V	6400Mbps	436Ball	MP
H9JKNNNFB3AECR-N6H	64Gb (8GB)	1.8V / 1.05V / 0.5V	6400Mbps	496Ball	MP
H9JKNNNFB3MVJR-N6H	64Gb (8GB)	1.8V / 1.05V / 0.5V	6400Mbps	436Ball	MP

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LPDDR Products list

LPDDR4X for PC

Part No.	Density	Voltage (VDD/VDD2/VDDQ)	Speed	Package	Product Status
H9HCNNNFBMBLPR-NEE	64Gb (8GB)	1.8V / 1.1V / 0.6V	4266Mbps	432Ball	MP
H9HCNNNFBMALPR-NEE	64Gb (8GB)	1.8V / 1.1V / 0.6V	4266Mbps	432Ball	MP
H9HCNNNFAMMLXR-NEE	64Gb (8GB)	1.8V / 1.1V / 0.6V	4266Mbps	200Ball	MP
H9HKNNNFBMMVAR-NEH	64Gb (8GB)	1.8V / 1.1V / 0.6V	4266Mbps	556Ball	MP
H9HCNNNFAMALTR-NME	64Gb (8GB)	1.8V / 1.1V / 0.6V	3733Mbps	200Ball	MP
H9HCNNNCRMALPR-NEE	32Gb (4GB)	1.8V / 1.1V / 0.6V	4266Mbps	432Ball	MP
H9HCNNNCRMBLPR-NEE	32Gb (4GB)	1.8V / 1.1V / 0.6V	4266Mbps	432Ball	MP
H9HCNNNCPMALHR-NEE	32Gb (4GB)	1.8V / 1.1V / 0.6V	4266Mbps	200Ball	MP
H9HCNNNCPMMLXR-NEE	32Gb (4GB)	1.8V / 1.1V / 0.6V	4266Mbps	200Ball	MP
H9HKNNNCRMBVAR-NEH	32Gb (4GB)	1.8V / 1.1V / 0.6V	4266Mbps	556Ball	MP
H9HKNNNCRMAVAR-NEH	32Gb (4GB)	1.8V / 1.1V / 0.6V	4266Mbps	556Ball	MP
H9HCNNNBKMALHR-NEE	16Gb (2GB)	1.8V / 1.1V / 0.6V	4266Mbps	200Ball	MP
H9HCNNNBKMMLXR-NEE	16Gb (2GB)	1.8V / 1.1V / 0.6V	4266Mbps	200Ball	MP

LPDDR4X for Consumer

Part No.	Density	Voltage (VDD/VDD2/VDDQ)	Speed	Package	Product Status
H54G66BYYJX104	64Gb (8GB)	1.8V / 1.1V / 0.6V	4266Mbps	200Ball	CS
H9HCNNNFAMMLXR-NEI	64Gb (8GB)	1.8V / 1.1V / 0.6V	4266Mbps	200Ball	CS
H9HCNNNFAMMLXR-NEE	64Gb (8GB)	1.8V / 1.1V / 0.6V	4266Mbps	200Ball	CS
H9HCNNNCPMMLXR-NEE	32Gb (4GB)	1.8V / 1.1V / 0.6V	4266Mbps	200Ball	CS
H54G56BYYJX089	32Gb (4GB)	1.8V / 1.1V / 0.6V	4266Mbps	200Ball	CS
H9HCNNNCPMMLXR-NEI	32Gb (4GB)	1.8V / 1.1V / 0.6V	4266Mbps	200Ball	CS
H9HCNNNCPMMLHR-NMI	32Gb (4GB)	1.8V / 1.1V / 0.6V	3733Mbps	200Ball	MP
H9HCNNNCPMMLHR-NME	32Gb (4GB)	1.8V / 1.1V / 0.6V	3733Mbps	200Ball	MP
H54G46BYYJX085	16Gb (2GB)	1.8V / 1.1V / 0.6V	4266Mbps	200Ball	CS
H9HCNNNBKMMLXR-NEI	16Gb (2GB)	1.8V / 1.1V / 0.6V	4266Mbps	200Ball	CS
H9HCNNNBKMMLXR-NEE	16Gb (2GB)	1.8V / 1.1V / 0.6V	4266Mbps	200Ball	CS
H9HCNNNBKMMLHR-NME	16Gb (2GB)	1.8V / 1.1V / 0.6V	3733Mbps	200Ball	MP
H9HCNNNBKMMLHR-NMI	16Gb (2GB)	1.8V / 1.1V / 0.6V	3733Mbps	200Ball	MP
H9HCNNN4KMMLHR-NME	4Gb (0.5GB)	1.8V / 1.1V / 0.6V	3733Mbps	200Ball	MP
H9HCNNN4KMMLHR-NMI	4Gb (0.5GB)	1.8V / 1.1V / 0.6V	3733Mbps	200Ball	MP

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LPDDR Products list

LPDDR4X for Mobile

Part No.	Density	Voltage (VDD/VDD2/VDDQ)	Speed	Package	Product Status
H9HKNNNHCMMUDR-NEH	96Gb (12GB)	1.8V / 1.1V / 0.6V	4266Mbps	376Ball	MP
H9HKNNNFBMAVAR-NEH	64Gb (8GB)	1.8V / 1.1V / 0.6V	4266Mbps	556Ball	MP
H9HKNNNFBMMVAR-NEH	64Gb (8GB)	1.8V / 1.1V / 0.6V	4266Mbps	556Ball	MP
H9HKNNNFBMBUDR-NEH	64Gb (8GB)	1.8V / 1.1V / 0.6V	4266Mbps	376Ball	MP
H9HKNNNFBMAUDR-NEH	64Gb (8GB)	1.8V / 1.1V / 0.6V	4266Mbps	376Ball	MP
H9HKNNNEBMAVAR-NEH	64Gb (6GB)	1.8V / 1.1V / 0.6V	4266Mbps	556Ball	MP
H9HKNNNEBMBUDR-NEH	64Gb (6GB)	1.8V / 1.1V / 0.6V	4266Mbps	376Ball	MP
H9HKNNNCRMAVAR-NEH	32Gb (4GB)	1.8V / 1.1V / 0.6V	4266Mbps	556Ball	MP
H9HKNNNCRMAUDR-NEH	32Gb (4GB)	1.8V / 1.1V / 0.6V	4266Mbps	376Ball	MP

LPDDR4X for Automotive

Part No.	Density	Voltage (VDD/VDD2/VDDQ)	Speed	Package	Product Status
H54G66BYYVX104	64Gb (8GB)	1.8V / 1.1V / 0.6V	4266Mbps	200Ball	CS
H54G66BYYQX104	64Gb (8GB)	1.8V / 1.1V / 0.6V	4266Mbps	200Ball	CS
H54G66BYYPX104	64Gb (8GB)	1.8V / 1.1V / 0.6V	4266Mbps	200Ball	CS
H54G66AYZVX106	64Gb (8GB)	1.8V / 1.1V / 0.6V	4266Mbps	556Ball	CS
H54G66AYZQX106	64Gb (8GB)	1.8V / 1.1V / 0.6V	4266Mbps	556Ball	CS
H54G56BYYQX089	32Gb (4GB)	1.8V / 1.1V / 0.6V	4266Mbps	200Ball	CS
H54G56BYYPX089	32Gb (4GB)	1.8V / 1.1V / 0.6V	4266Mbps	200Ball	CS
H54G56BYYVX089	32Gb (4GB)	1.8V / 1.1V / 0.6V	4266Mbps	200Ball	CS
H9HCNNNCPMMLHR-NMN	32Gb (4GB)	1.8V / 1.1V / 0.6V	3733Mbps	200Ball	MP
H9HCNNNCPMMLHR-NMO	32Gb (4GB)	1.8V / 1.1V / 0.6V	3733Mbps	200Ball	MP
H54G46BYYVX085	16Gb (2GB)	1.8V / 1.1V / 0.6V	4266Mbps	200Ball	CS
H54G46BYYQX085	16Gb (2GB)	1.8V / 1.1V / 0.6V	4266Mbps	200Ball	CS
H54G46BYYPX085	16Gb (2GB)	1.8V / 1.1V / 0.6V	4266Mbps	200Ball	CS
H9HCNNNBKMMLHR-NMN	16Gb (2GB)	1.8V / 1.1V / 0.6V	3733Mbps	200Ball	MP
H9HCNNNBKMMLHR-NMO	16Gb (2GB)	1.8V / 1.1V / 0.6V	3733Mbps	200Ball	MP
H9HCNNN4KMMLHR-NMP	4Gb (0.5GB)	1.8V / 1.1V / 0.6V	3733Mbps	200Ball	MP
H9HCNNN4KMMLHR-NMN	4Gb (0.5GB)	1.8V / 1.1V / 0.6V	3733Mbps	200Ball	MP
H9HCNNN4KMMLHR-NMO	4Gb (0.5GB)	1.8V / 1.1V / 0.6V	3733Mbps	200Ball	MP

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LPDDR Products list

LPDDR4 for PC

Part No.	Density	Voltage (VDD/VDD2/VDDQ)	Speed	Package	Product Status
H9HCNNNCPUMLXR-NEE	32Gb (8GB)	1.8V / 1.1V / 1.1V	4266Mbps	200Ball	MP
H9HCNNNBKUMLXR-NEE	16Gb (8GB)	1.8V / 1.1V / 1.1V	4266Mbps	200Ball	MP
H9HCNNNBPUMLHR-NME	16Gb (8GB)	1.8V / 1.1V / 1.1V	3733Mbps	200Ball	MP
H9HCNNNBPUMLHR-NLE	16Gb (8GB)	1.8V / 1.1V / 1.1V	3200Mbps	200Ball	MP
H9HCNNN8KUMLHR-NME	8Gb (8GB)	1.8V / 1.1V / 1.1V	3733Mbps	200Ball	MP
H9HCNNN8KUMLHR-NLE	8Gb (8GB)	1.8V / 1.1V / 1.1V	3200Mbps	200Ball	MP

LPDDR4X for Consumer

Part No.	Density	Voltage (VDD/VDD2/VDDQ)	Speed	Package	Product Status
H9HCNNNCPUMLXR-NEE	32Gb (4GB)	1.8V / 1.1V / 1.1V	4266Mbps	200Ball	MP
H9HCNNNCPUMLXR-NEI	32Gb (4GB)	1.8V / 1.1V / 1.1V	4266Mbps	200Ball	CS
H9HCNNNCPUMLHR-NME	32Gb (4GB)	1.8V / 1.1V / 1.1V	3733Mbps	200Ball	MP
H9HCNNNCPUMLHR-NMI	32Gb (4GB)	1.8V / 1.1V / 1.1V	3733Mbps	200Ball	MP
H9HCNNNBKUMLXR-NEE	16Gb (2GB)	1.8V / 1.1V / 1.1V	4266Mbps	200Ball	MP
H9HCNNNBKUMLXR-NEI	16Gb (2GB)	1.8V / 1.1V / 1.1V	4266Mbps	200Ball	CS
H9HCNNNBPUMLHR-NME	16Gb (2GB)	1.8V / 1.1V / 1.1V	3733Mbps	200Ball	MP
H9HCNNNBPUMLHR-NMI	16Gb (2GB)	1.8V / 1.1V / 1.1V	3733Mbps	200Ball	MP
H9HCNNNBKUMLHR-NMI	16Gb (2GB)	1.8V / 1.1V / 1.1V	3733Mbps	200Ball	MP
H9HCNNNBKUMLHR-NME	16Gb (2GB)	1.8V / 1.1V / 1.1V	3733Mbps	200Ball	MP
H9HCNNNBPUMLHR-NLE	16Gb (2GB)	1.8V / 1.1V / 1.1V	3200Mbps	200Ball	MP
H9HCNNNBPUMLHR-NLI	16Gb (2GB)	1.8V / 1.1V / 1.1V	3200Mbps	200Ball	MP
H9HCNNN8KUMLHR-NME	8Gb (1GB)	1.8V / 1.1V / 1.1V	3733Mbps	200Ball	MP
H9HCNNN8KUMLHR-NMI	8Gb (1GB)	1.8V / 1.1V / 1.1V	3733Mbps	200Ball	MP
H9HCNNN4KUMLHR-NME	4Gb (0.5GB)	1.8V / 1.1V / 1.1V	3733Mbps	200Ball	MP
H9HCNNN4KUMLHR-NMI	4Gb (0.5GB)	1.8V / 1.1V / 1.1V	3733Mbps	200Ball	MP

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LPDDR4 for Automotive

Part No.	Density	Voltage (VDD/VDD2/VDDQ)	Speed	Package	Product Status
H54G56BYYQX046	32Gb (4GB)	1.8V / 1.1V / 1.1V	4266Mbps	200Ball	CS
H54G56BYYPX046	32Gb (4GB)	1.8V / 1.1V / 1.1V	4266Mbps	200Ball	CS
H54G56BYYVX046	32Gb (4GB)	1.8V / 1.1V / 1.1V	4266Mbps	200Ball	CS
H9HCNNNCPUMLHR-NMO	32Gb (4GB)	1.8V / 1.1V / 1.1V	3733Mbps	200Ball	MP
H9HCNNNCPUMLHR-NMN	32Gb (4GB)	1.8V / 1.1V / 1.1V	3733Mbps	200Ball	MP
H54G46BYYQX053	16Gb (2GB)	1.8V / 1.1V / 1.1V	4266Mbps	200Ball	CS
H54G46BYYVX053	16Gb (2GB)	1.8V / 1.1V / 1.1V	4266Mbps	200Ball	CS
H54G46BYYPX053	16Gb (2GB)	1.8V / 1.1V / 1.1V	4266Mbps	200Ball	CS
H9HCNNNBPUMLHR-NMO	16Gb (2GB)	1.8V / 1.1V / 1.1V	3733Mbps	200Ball	MP
H9HCNNNBPUMLHR-NMN	16Gb (2GB)	1.8V / 1.1V / 1.1V	3733Mbps	200Ball	MP
H9HCNNNBKUMLHR-NMO	16Gb (2GB)	1.8V / 1.1V / 1.1V	3733Mbps	200Ball	MP
H9HCNNNBKUMLHR-NMN	16Gb (2GB)	1.8V / 1.1V / 1.1V	3733Mbps	200Ball	MP
H9HCNNN8KUMLHR-NMN	8Gb (1GB)	1.8V / 1.1V / 1.1V	3733Mbps	200Ball	MP
H9HCNNN8KUMLHR-NMO	8Gb (1GB)	1.8V / 1.1V / 1.1V	3733Mbps	200Ball	MP
H9HCNNN4KUMLHR-NMO	4Gb (0.5GB)	1.8V / 1.1V / 1.1V	3733Mbps	200Ball	MP
H9HCNNN4KUMLHR-NMP	4Gb (0.5GB)	1.8V / 1.1V / 1.1V	3733Mbps	200Ball	MP
H9HCNNN4KUMLHR-NMN	4Gb (0.5GB)	1.8V / 1.1V / 1.1V	3733Mbps	200Ball	MP

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