

# Q4'2014 DATABOOK

Rev 0.0





## LPDDR3

DENSITY	ORG.	SPEED	PART NUMBER	PKG.	FEATURE	AVAIL.
24Gb	192M x 32	DDR3-1866	H9CKNNNDATMTDR-NUH	FBGA(216ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR3-1866	H9CKNNNDATMRPR-NUH	FBGA(256ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR3-1866	H9CKNNNDBTMTAR-NUH	FBGA(504ball)	8Bank, 1.8V/1.2V/1.2V	Now
16Gb	256M x 32	DDR3-1866	H9CKNNNBJTMLR-NUH	FBGA(168ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR3-1866	H9CKNNNBKTMTR-NUH	FBGA(216ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR3-1600	H9CKNNNBKTMTR-NTH	FBGA(216ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR3-1866	H9CKNNNBKTMTRPR-NUH	FBGA(256ball)	8Bank, 1.8V/1.2V/1.2V	Now
	128M x 32	DDR3-1866	H9CCNNNBTLAR-NUM	FBGA(178ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR3-1600	H10CCNNNBTLAR-NTM	FBGA(178ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR3-1866	H9CKNNNBPTATDR-NUH	FBGA(216ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR3-1600	H9CKNNNBPTATDR-NTH	FBGA(216ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR3-1866	H9CCNNNBPTALBR-NUM	FBGA(253ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR3-1600	H9CCNNNBPTALBR-NTM	FBGA(253ball)	8Bank, 1.8V/1.2V/1.2V	Now
8Gb	256M x 32	DDR3-1866	H9CKNNN8GTMLR-NUH	FBGA(168ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR3-1600	H9CKNNN8GTMLR-NTH	FBGA(168ball)	8Bank, 1.8V/1.2V/1.2V	Now
	128M x 32	DDR3-1866	H9CCNNN8JTALR-NUM	FBGA(178ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR3-1600	H9CCNNN8JTALR-NTM	FBGA(178ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR3-1866	H9CCNNN8KTALBR-NUM	FBGA(253ball)	8Bank, 1.8V/1.2V/1.2V	Now
4Gb	128M x 32	DDR3-1600	H9CCNNN4GTMLR-NTM	FBGA(178ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR3-1333	H9CCNNN4GTMLR-NKM	FBGA(178ball)	8Bank, 1.8V/1.2V/1.2V	Now

\* All SDRAM is Available For Lead Free or Lead & Halogen Free



## LPDDR2

DENSITY	ORG.	SPEED	PART NUMBER	PKG.	FEATURE	AVAIL.
16Gb	128M x 32	DDR2-1066	H9TCNNNBLDMMPR-NGM	FBGA(134ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR2-800	H9TCNNNBLDMMPR-NDM	FBGA(134ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR2-1066	H9TKNNNBLDMPLR-NGM	FBGA(168ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR2-1066	H9TKNNNBPDMPQR-NGH	FBGA(216ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR2-800	H9TKNNNBPDMPQR-NDH	FBGA(216ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR2-1066	H9TKNNNBPDMPRAR-NGH	FBGA(220ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR2-800	H9TKNNNBPDMPRAR-NDH	FBGA(220ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR2-1066	H9TKNNNBPDARAR-NGH	FBGA(220ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR2-800	H9TKNNNBPDARAR-NDH	FBGA(220ball)	8Bank, 1.8V/1.2V/1.2V	Now
8Gb	128M x 32	DDR2-1066	H9TCNNN8JDMMPR-NGM	FBGA(134ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR2-800	H9TCNNN8JDMMPR-NDM	FBGA(134ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR2-1066	H9TKNNN8JDMPLR-NGM	FBGA(168ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR2-800	H9TKNNN8JDMPLR-NDM	FBGA(168ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR2-1066	H9TKNNN8JDAPLR-NGH	FBGA(168ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR2-1066	H9TKNNN8JDMRHR-NGM	FBGA(216ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR2-1066	H9TKNNN8JDARHR-NGM	FBGA(216ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR2-800	H9TKNNN8JDMRHR-NDM	FBGA(216ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR2-1066	H9TKNNN8KDMRAR-NGM	FBGA(220ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR2-800	H9TKNNN8KDMRAR-NDM	FBGA(220ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR2-1066	H9TKNNN8KDARAR-NGH	FBGA(220ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR2-800	H9TKNNN8KDARAR-NDM	FBGA(220ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR2-1066	H9TKNNN8KDMPRR-NGM	FBGA(240ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR2-800	H9TKNNN8KDMPRR-NDM	FBGA(240ball)	8Bank, 1.8V/1.2V/1.2V	Now

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## LPDDR2

DENSITY	ORG.	SPEED	PART NUMBER	PKG.	FEATURE	AVAIL.
4Gb	128M x 32	DDR2-1066	H9TKNNN4GDMPLR-NGM	FBGA(168ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR2-800	H9TKNNN4GDMPLR-NDM	FBGA(168ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR2-1066	H9TKNNN4GDAPLR-NGH	FBGA(168ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR2-1066	H9TKNNN4GDMRHR-NGM	FBGA(216ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR2-800	H9TKNNN4GDMRHR-NDM	FBGA(216ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR2-1066	H9TKNNN4GDARHR-NGM	FBGA(216ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR2-800	H9TKNNN4GDARHR-NDM	FBGA(216ball)	8Bank, 1.8V/1.2V/1.2V	Now
	64M x 32	DDR2-1066	H9TKNNN4JDAPLR-NGM	FBGA(168ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR2-800	H9TKNNN4JDAPLR-NDM	FBGA(168ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR2-1066	H9TKNNN4KDAPQR-NGM	FBGA(216ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR2-800	H9TKNNN4KDAPQR-NDM	FBGA(216ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR2-1066	H9TKNNN4KDMRAR-NGM	FBGA(220ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR2-800	H9TKNNN4KDMRAR-NDM	FBGA(220ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR2-1066	H9TKNNN4KDAPRR-NGM	FBGA(240ball)	8Bank, 1.8V/1.2V/1.2V	Now
2Gb	64M x 32	DDR2-1066	H9TKNNN2GDAPLR-NGM	FBGA(168ball)	8Bank, 1.8V/1.2V/1.2V	Now
		DDR2-800	H9TKNNN2GDAPLR-NDM	FBGA(168ball)	8Bank, 1.8V/1.2V/1.2V	Now

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## Mobile DDR

DENSITY	ORG.	SPEED	PART NUMBER	PKG.	FEATURE	AVAIL.
2Gb	64M x 16	DDR400	H5MS2G62BFR-E3M	FBGA(60ball)	4Bank, 1.8V/1.8V	Now
		DDR333	H5MS2G62BFR-J3M	FBGA(60ball)	4Bank, 1.8V/1.8V	Now
	32M x 32	DDR400	H5MS2G22BFR-EBM	FBGA(90ball)	4Bank, 1.8V/1.8V	Now
		DDR333	H5MS2G32BFR-J3M	FBGA(90ball)	4Bank, 1.8V/1.8V	Now
	32M x 32 (reduced page size)	DDR400	H5MS2G32BFR-E3M	FBGA(90ball)	4Bank, 1.8V/1.8V	Now
		DDR333	H5MS2G32BFR-J3M	FBGA(90ball)	4Bank, 1.8V/1.8V	Now

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