

# Q4'2014 DATABOOK

Rev 0.0





## HBM (High Bandwidth Memory)

DENSITY	ORG.	SPEED	PART NUMBER	PKG.	FEATURE	AVAIL.
1Gb	128GB/s	1.0Gbps	H5VR8GESM4R-20C	5mKGSD	4Hi stack, VDD/VDDQ=1.2V	Now



## GDDR5 SDRAM

DENSITY	ORG.	SPEED	PART NUMBER	PKG.	FEATURE	AVAIL.
4Gb	128Mx32	8.0Gbps	H5GQ4H24AJR-R4C	FBGA(170ball)	16Bank, 1.55V/1.55V	Now
		7.0Gbps	H5GC4H24AJR-R0C	FBGA(170ball)	16Bank, 1.5V/1.5V	Now
		6.0Gbps			16Bank, 1.35V/1.35V	Now
		5.0Gbps	H5GC4H24AJR-T2C	FBGA(170ball)	16Bank, 1.5V/1.5V	Now
		4.0Gbps			16Bank, 1.35V/1.35V	Now
4Gb	128Mx32	7.0Gbps	H5GQ4H24MFR-R2C	FBGA(170ball)	16Bank, 1.55V/1.55V	Now
		6.0Gbps	H5GC4H24MFR-T2C	FBGA(170ball)	16Bank, 1.5V/1.5V	Now
		5.0Gbps			16Bank, 1.35V/1.35V	Now
		5.0Gbps	H5GC4H24MFR-T0C	FBGA(170ball)	16Bank, 1.5V/1.5V	Now
		4.0Gbps			16Bank, 1.35V/1.35V	Now
2Gb	64Mx32	7.0Gbps	H5GQ2H24BFR-R2C	FBGA(170ball)	16Bank, 1.55V/1.55V	Now
		6.0Gbps	H5GC2H24BFR-R0C	FBGA(170ball)	16Bank, 1.35V/1.35V	Now



## DDR3 SDRAM

DENSITY	ORG.	SPEED	PART NUMBER	PKG.	FEATURE	AVAIL.
4Gb	256Mx16	1.2GHz(0.83ns)	H5TQ4G63CFR-N2C	FBGA(96ball)	8Bank, 1.5V/1.5V	Now
		1.1GHz(0.9ns)	H5TC4G63CFR-N0C	FBGA(96ball)	8Bank, 1.5V/1.5V	Now
		1.0GHz (1.0ns)		FBGA(96ball)	8Bank, 1.35V/1.35V	Now
		1.1GHz (0.9ns)	H5TQ4G63AFR-N1C	FBGA(96ball)	8Bank, 1.5V/1.5V	Now
		1.0GHz (1.0ns)	H5TC4G63AFR-11C	FBGA(96ball)	8Bank, 1.5V/1.5V	Now
		900MHz (1.1ns)		FBGA(96ball)	8Bank, 1.35V/1.35V	Now
		900MHz (1.1ns)	H5TQ4G63MFR-11C	FBGA(96ball)	8Bank, 1.5V/1.5V	Now
2Gb	128Mx16	1.1GHz (0.9ns)	H5TQ2G63FFR-N1C	FBGA(96ball)	8Bank, 1.5V/1.5V	Now
		1.0GHz (1.0ns)	H5TC2G63FFR-N0C	FBGA(96ball)	8Bank, 1.35V/1.35V	Now
		1.0GHz (1.0ns)	H5TC2G63FFR-11C	FBGA(96ball)	8Bank, 1.5V/1.5V	Now
		900MHz (1.1ns)		FBGA(96ball)	8Bank, 1.35V/1.35V	Now



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