



极 速 晶 存 用 芯 服 务

Roadmap

深 圳 市 晶 存 科 技 有 限 公 司

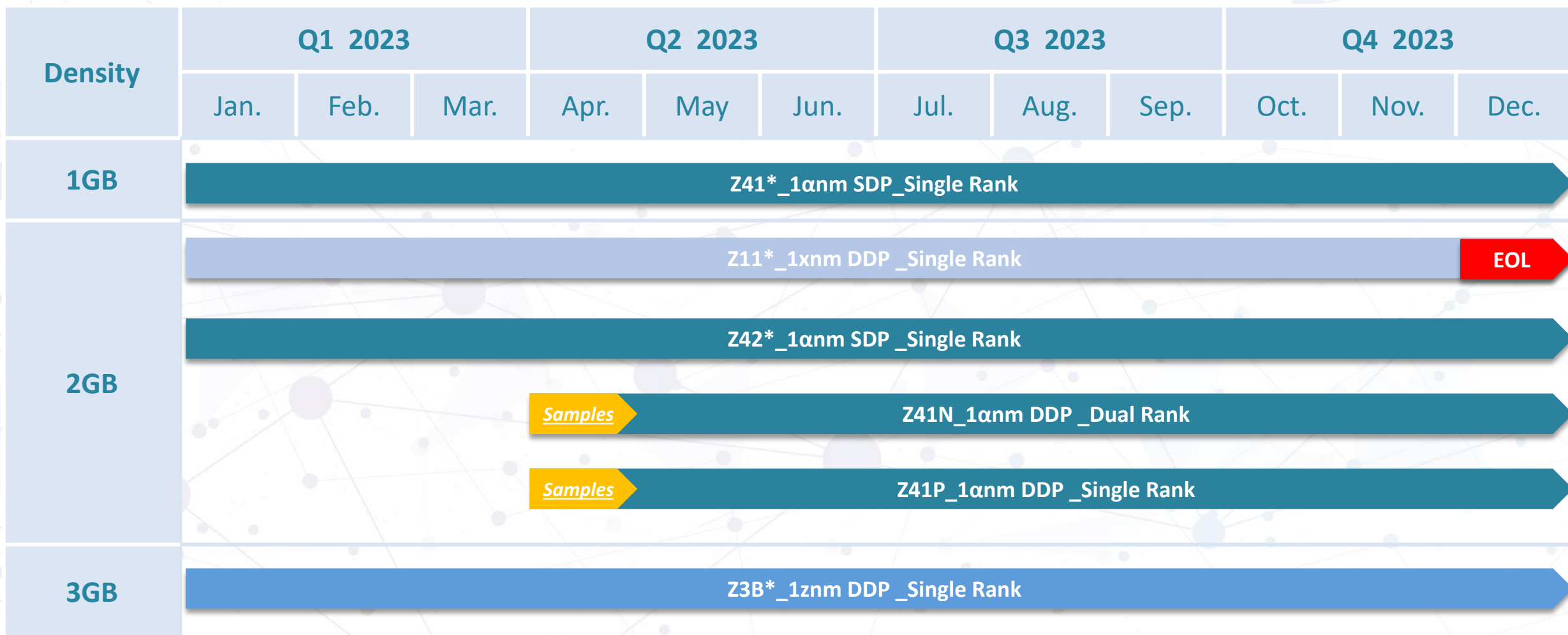
专业DDR LPDDR eMCP eMMC存储芯片供应商



LPDDR4/4X Roadmap



极速晶存 用芯服务



LEGEND

1xnm

1ynm

1znm

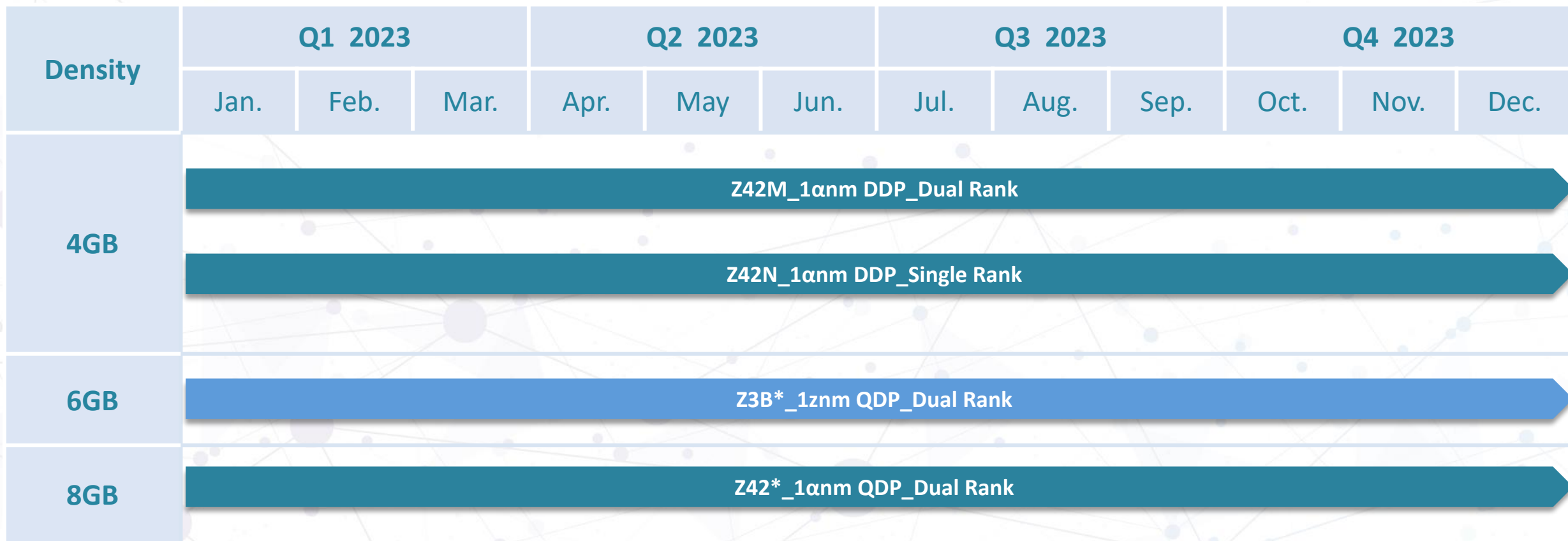
1αnm



LPDDR4/4X Roadmap



极速晶存 用芯服务



LEGEND

1xnm

1ynm

1znm

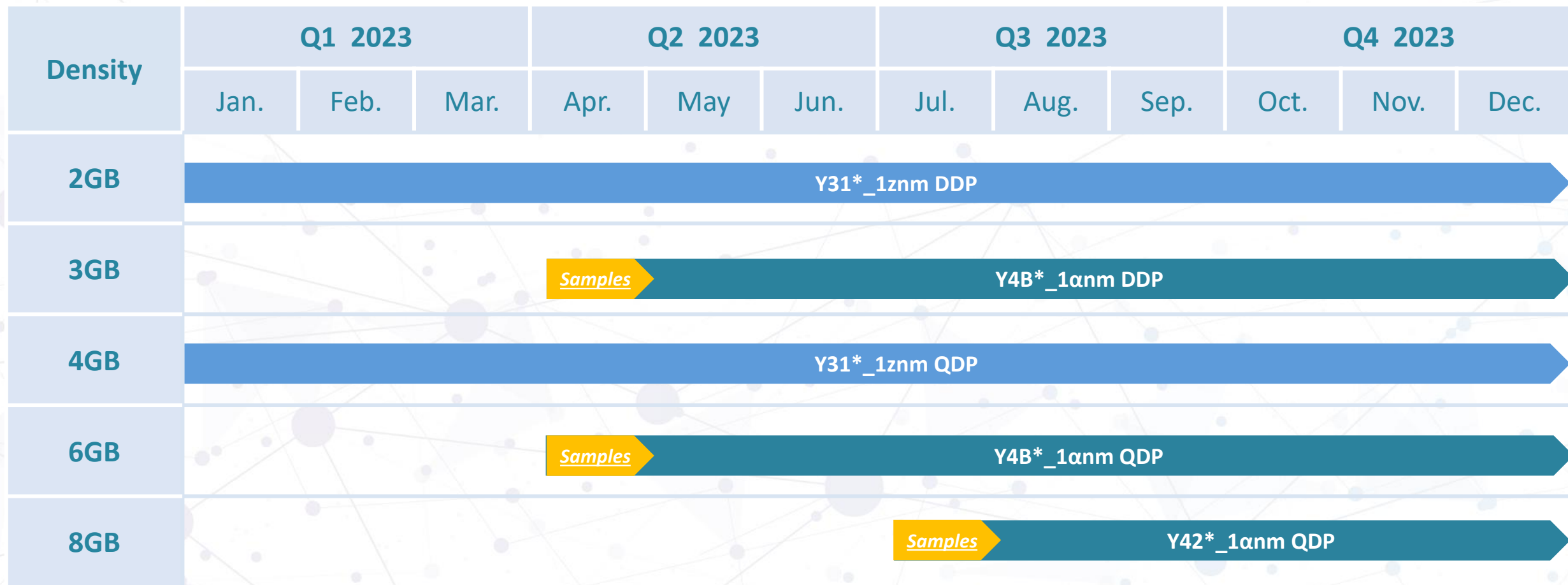
1αnm



LPDDR5 Roadmap



极速晶存 用芯服务



LEGEND

1nm

1nm

1nm

1nm



PC DDR4 Roadmap



极速晶存 用芯服务



LEGEND

1xnm

1ynm

1znm

1αnm



Industrial LPDDR Roadmap



极速晶存 用芯服务

Density	Q1 2023			Q2 2023			Q3 2023			Q4 2023		
	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1GB	Z00*_20nm DDP_Single Rank											
2GB	Z42*_1nm SDP_Single Rank											
4GB	Z42*_1nm DDP_Dual Rank											

LEGEND

20nm

1nm

1nm

1nm

1nm

Density	Q1 2023			Q2 2023			Q3 2023			Q4 2023		
	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
64GB+4GB	UFS 2.2 + LPDDR4x											
128GB+6GB	UFS 2.2 + LPDDR4x											
256GB+8GB	UFS 2.2 + LPDDR4x											



Product	Density	Design ID	Tech.	Stack	Die organization	Part Number
LPDDR4X	1GB	Z41*	1α nm	SDP	Single Rank	RS256M32LO4D1BDS-62BT
	2GB	Z11*	1x nm	DDP	Single Rank	RS512M32LM4D2BDS-53BT
		Z42*	1α nm	SDP	Single Rank	RS512M32LO4D1BDS-53BT
		Z41N	1α nm	DDP	Dual Rank	RS512M32LO4D2BDS-53BT
		Z41P	1α nm	DDP	Single Rank	RS512M32LV4D2BDS-53BT
	3GB	Z3B*	1z nm	DDP	Single Rank	RS768M32LP4D2BDS-53BT
	4GB	Z42M	1α nm	DDP	Dual Rank	RS1G32LO4D2BDS-53BT
		Z42N	1α nm	DDP	Single Rank	RS1G32LV4D2BDS-53BT
	6GB	Z3B*	1z nm	QDP	Single Rank	RS1536M32LB4D4BDT-53BT
	8GB	Z42*	1α nm	QDP	Dual Rank	RS2G32LV4D4BDT-53BT



Product	Density	Design ID	Tech.	Stack	Part Number
LPDDR5	2GB	Y31*	1z nm	DDP	RS512M32LC5D2FDB-31BT
	3GB	Y4B*	1α nm	DDP	RS768M32LG5D2FDB-31BT
	4GB	Y31*	1z nm	QDP	RS1G32LC5D4FDB-31BT
	6GB	Y4B*	1α nm	QDP	RS1536M32LG5D4FDB-31BT
	8GB	Y42*	1α nm	QDP	RS2G32LO5D4FDB-31BT
PC DDR4	256*16	Z40*	1α nm	SDP	RS256M16ZADD-75DT
	512*16	Z41*	1α nm	SDP	RS512M16Z2DD-62DT
	1G*16	Z32*	1z nm	SDP	RS1G16Z3DK-62DT
Industrial LPDDR4	1GB	Z00*	20nm	DDP	RS256M32LZ4D2BNP-62IT
	2GB	Z42*	1α nm	SDP	RS512M32LO4D1BDS-46IT
	4GB	Z42*	1α nm	DDP	RS1G32LO4D2BDS-46IT



END