

ORDERING PART NUMBER MAPPING GUIDE

March, 2005 Release

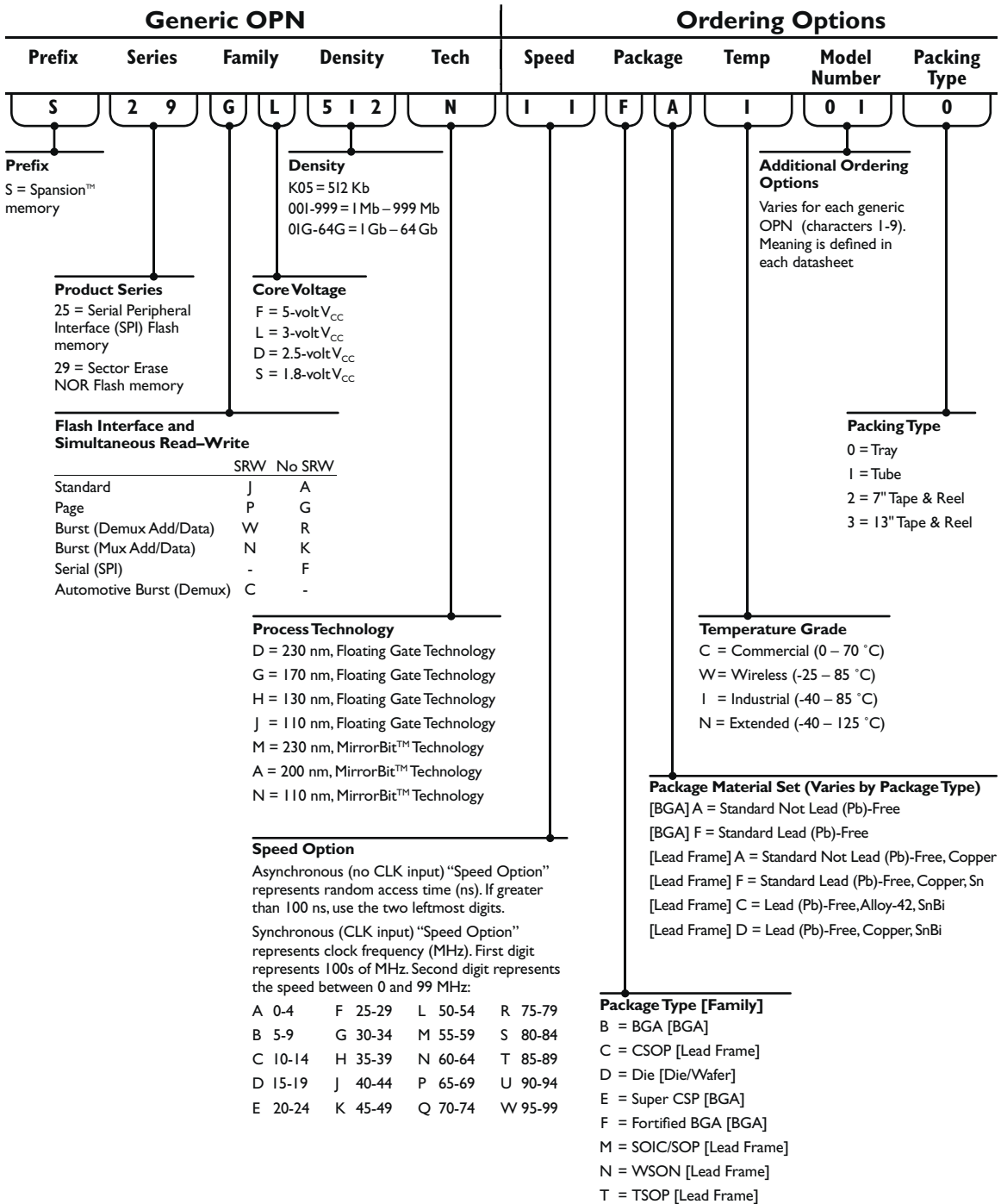
AMD PRODUCTS	FUJITSU PRODUCTS	SPANSION PRODUCTS
Am29LV400B		S29AL004D
Am29LV800B/D		S29AL008D
Am29LV160D	MBM29LV160TE/BE	S29AL016D
Am29LV160M		S29AL016M
Am29DL32xG (TSOP)	MBM29DL32xE • MBM29DL32F • MBM29DL34F (TSOP)	S29JL032H
Am29DL32xG (FBGA)	MBM29DL32xE • MBM29DL32F • MBM29DL34F (FBGA)	S29PL032J
Am29LV320M • Am29LV033M	MBM29PL32TM/BM	S29GL032M
Am29DL640G/H (TSOP)	MBM29DL640E • MBM29DL64DF (TSOP)	S29JL064H
Am29DL640G/H (FBGA)	MBM29DL640E • MBM29DL64DF (FBGA)	S29PL064J
Am29LV64xM • Am29LV065M	MBM29PL64LM • MBM29PL65LM	S29GL064M
Am29LV128M	MBM29PL12LM	S29GL128N
Am29LV256M		S29GL256N

Use this tool to map AMD and Fujitsu OPNs to corresponding Spansion OPNs.
 NOTE: This list may not include every available OPN. Please consult the data sheets for up-to-date OPN information.

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Spansion™ Ordering Part Number Construction: Single-die Products



Am29LV400B → S29AL004D

Spanion OPN Breakdown

AMD OPN	Spanion Base OPN	Speed Option	Package & Temp	Model Number	Packing Type	Spanion OPN
AM29LV400BB-120EC	S29AL004D	90	TAI	02	0	S29AL004D90TAI020
AM29LV400BB-120ECT	S29AL004D	90	TAI	02	3	S29AL004D90TAI023
AM29LV400BB-120EI	S29AL004D	90	TAI	02	0	S29AL004D90TAI020
AM29LV400BB-120EIT	S29AL004D	90	TAI	02	3	S29AL004D90TAI023
AM29LV400BB-120SC	S29AL004D	70	MAI	02	1	S29AL004D90MAI021
AM29LV400BB-120SCT	S29AL004D	70	MAI	02	3	S29AL004D90MAI023
AM29LV400BB-120SI	S29AL004D	70	MAI	02	1	S29AL004D90MAI021
AM29LV400BB-55REC	S29AL004D	55	TAI	R2	0	S29AL004D55TAIR20 ¹
AM29LV400BB-55RECT	S29AL004D	55	TAI	R2	3	S29AL004D55TAIR23 ¹
AM29LV400BB-55REI	S29AL004D	55	TAI	R2	0	S29AL004D55TAIR20 ¹
AM29LV400BB-55REIT	S29AL004D	55	TAI	R2	3	S29AL004D55TAIR23 ¹
AM29LV400BB-55RSC	S29AL004D	55	MAI	R2	1	S29AL004D55MAIR21 ¹
AM29LV400BB-55RSI	S29AL004D	55	MAI	R2	1	S29AL004D55MAIR21 ¹
AM29LV400BB-70EC	S29AL004D	70	TAI	02	0	S29AL004D70TAI020
AM29LV400BB-70ECT	S29AL004D	70	TAI	01	3	S29AL004D70TAI023
AM29LV400BB-70ED	S29AL004D	70	TFI	01	0	S29AL004D70TFI020
AM29LV400BB-70EF	S29AL004D	70	TFI	01	0	S29AL004D70TFI020
AM29LV400BB-70EI	S29AL004D	70	TAI	01	0	S29AL004D70TAI020
AM29LV400BB-70EIT	S29AL004D	70	TAI	01	3	S29AL004D70TAI023
AM29LV400BB-70SC	S29AL004D	70	MAI	01	1	S29AL004D70MAI021
AM29LV400BB-70SI	S29AL004D	70	MAI	01	1	S29AL004D70MAI021
AM29LV400BB-90EC	S29AL004D	90	TAI	01	0	S29AL004D90TAI020
AM29LV400BB-90ECT	S29AL004D	90	TAI	01	3	S29AL004D90TAI023
AM29LV400BB-90EI	S29AL004D	90	TAI	01	0	S29AL004D90TAI020
AM29LV400BB-90EIT	S29AL004D	90	TAI	01	3	S29AL004D90TAI023
AM29LV400BB-90SC	S29AL004D	90	MAI	01	1	S29AL004D90MAI021

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¹ The 55ns regulated part (-55R) will be supported on the S29AL004D product for commercial and industrial temperature range. The S29AL004D datasheet will be updated with the additional OPNs for the 55ns regulated part.

Am29LV400B → S29AL004D

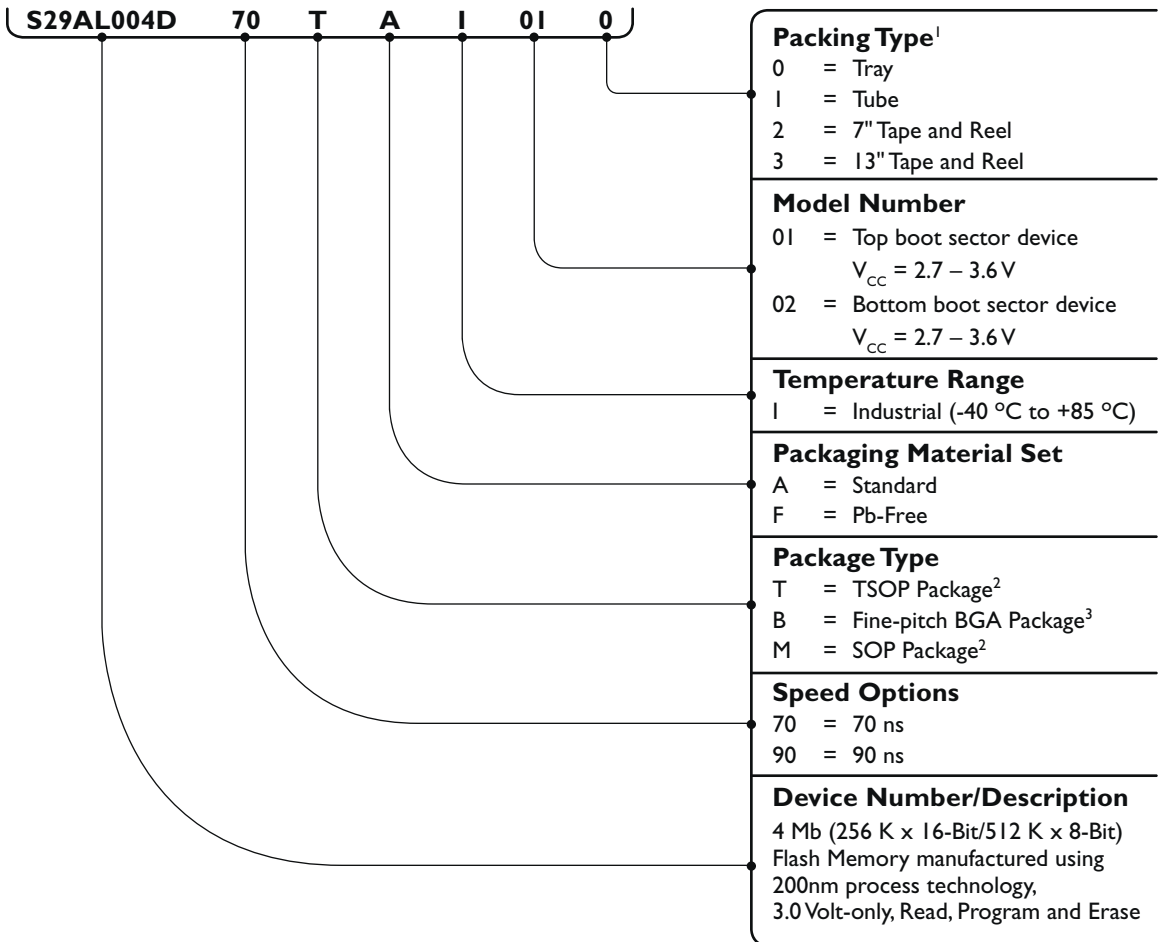
Spanion OPN Breakdown

AMD OPN	Spanion Base OPN	Speed Option	Package & Temp	Model Number	Packing Type	Spanion OPN
AM29LV400BB-90SC\T	S29AL004D	90	MAI	0I	3	S29AL004D90MAI023
AM29LV400BB-90SI	S29AL004D	90	MAI	0I	1	S29AL004D90MAI021
AM29LV400BT-120EC	S29AL004D	90	TAI	0I	0	S29AL004D90TAI010
AM29LV400BT-120EI	S29AL004D	90	TAI	0I	0	S29AL004D90TAI010
AM29LV400BT-120EIT	S29AL004D	90	TAI	0I	3	S29AL004D90TAI013
AM29LV400BT-120SC	S29AL004D	90	MAI	0I	1	S29AL004D90MAI011
AM29LV400BT-120SCT	S29AL004D	90	MAI	0I	3	S29AL004D90MAI013
AM29LV400BT-120SI	S29AL004D	90	MAI	0I	1	S29AL004D90MAI011
AM29LV400BT-55REC	S29AL004D	55	TAI	RI	0	S29AL004D55TAIR10 ¹
AM29LV400BT-55RECT	S29AL004D	55	TAI	RI	3	S29AL004D55TAIR13 ¹
AM29LV400BT-55REI	S29AL004D	55	TAI	RI	0	S29AL004D55TAIR10 ¹
AM29LV400BT-55RSC	S29AL004D	55	MAI	RI	1	S29AL004D55MAIR11 ¹
AM29LV400BT-55RSI	S29AL004D	55	MAI	RI	1	S29AL004D55MAIR11 ¹
AM29LV400BT-70EC	S29AL004D	70	TAI	0I	0	S29AL004D70TAI010
AM29LV400BT-70EC\T	S29AL004D	70	TAI	0I	3	S29AL004D70TAI013
AM29LV400BT-70EI	S29AL004D	70	TAI	0I	0	S29AL004D70TAI010
AM29LV400BT-70REC	S29AL004D	90	TAI	0I	0	S29AL004D70TAI010
AM29LV400BT-70SC	S29AL004D	90	MAI	0I	1	S29AL004D70MAI011
AM29LV400BT-70SI	S29AL004D	70	MAI	0I	1	S29AL004D70MAI011
AM29LV400BT-80EC	S29AL004D	70	TAI	0I	0	S29AL004D70TAI010
AM29LV400BT-80EI	S29AL004D	70	TAI	0I	0	S29AL004D70TAI010
AM29LV400BT-90EC	S29AL004D	90	TAI	0I	0	S29AL004D90TAI010
AM29LV400BT-90EC\T	S29AL004D	90	TAI	0I	3	S29AL004D90TAI013
AM29LV400BT-90EI	S29AL004D	90	TAI	0I	0	S29AL004D90TAI010
AM29LV400BT-90EIT	S29AL004D	90	TAI	0I	3	S29AL004D90TAI013
AM29LV400BT-90SC	S29AL004D	90	MAI	0I	1	S29AL004D90MAI011
AM29LV400BT-90SC\T	S29AL004D	90	MAI	0I	3	S29AL004D90MAI013
AM29LV400BT-90SI	S29AL004D	90	MAI	0I	1	S29AL004D90MAI011

¹ The 55ns regulated part (-55R) will be supported on the S29AL004D product for commercial and industrial temperature range. The S29AL004D datasheet will be updated with the additional OPNs for the 55ns regulated part.

Am29LV400B → S29AL004D

Ordering Information



¹ TSOPs can be packed in Types 0 and 3; BGAs can be packed in Types 0, 2, or 3; SOPs can be packed in Types 1 and 3.

² TSOP and SOP package marking omits packing type designator from ordering part number.

³ BGA package marking omits leading "S29" and packing type designator from ordering part number.

Am29LV800B/D → S29AL008D

Spanion OPN Breakdown

AMD OPN	Spanion Base OPN	Speed Option	Package & Temp	Model Number	Packing Type	Spanion OPN
<i>AM29LV800BB-55REI</i>	S29AL008D	55	TAI	02	0	<i>S29AL008D55TAI020</i>
<i>AM29LV800BB-120EC</i>	S29AL008D	90	TAI	02	0	<i>S29AL008D90TAI020</i>
<i>AM29LV800BB-120ECT</i>	S29AL008D	90	TAI	02	3	<i>S29AL008D90TAI023</i>
<i>AM29LV800BB-120EI</i>	S29AL008D	90	TAI	02	0	<i>S29AL008D90TAI020</i>
<i>AM29LV800BB-120EIT</i>	S29AL008D	90	TAI	02	3	<i>S29AL008D90TAI023</i>
<i>AM29LV800BB-120SC</i>	S29AL008D	90	MAI	02	1	<i>S29AL008D90MAI021</i>
<i>AM29LV800BB-120SCT</i>	S29AL008D	90	MAI	02	3	<i>S29AL008D90MAI023</i>
<i>AM29LV800BB-120SI</i>	S29AL008D	90	MAI	02	1	<i>S29AL008D90MAI021</i>
<i>AM29LV800BB-120SIT</i>	S29AL008D	90	MAI	02	3	<i>S29AL008D90MAI023</i>
<i>AM29LV800BB-70EC</i>	S29AL008D	70	TAI	02	0	<i>S29AL008D70TAI020</i>
<i>AM29LV800BB-70ECT</i>	S29AL008D	70	TAI	02	3	<i>S29AL008D70TAI023</i>
<i>AM29LV800BB-70EI</i>	S29AL008D	70	TAI	02	0	<i>S29AL008D70TAI020</i>
<i>AM29LV800BB-70EIT</i>	S29AL008D	70	TAI	02	3	<i>S29AL008D70TAI023</i>
<i>AM29LV800BB-70REC</i>	S29AL008D	70	TAI	02	0	<i>S29AL008D70TAI020</i>
<i>AM29LV800BB-70REI</i>	S29AL008D	70	TAI	02	0	<i>S29AL008D70TAI020</i>
<i>AM29LV800BB-70RSC</i>	S29AL008D	70	MAI	02	1	<i>S29AL008D70MAI021</i>
<i>AM29LV800BB-70RSI</i>	S29AL008D	70	MAI	02	1	<i>S29AL008D70MAI021</i>
<i>AM29LV800BB-70SC</i>	S29AL008D	70	MAI	02	1	<i>S29AL008D70MAI021</i>
<i>AM29LV800BB-70SCT</i>	S29AL008D	70	MAI	02	3	<i>S29AL008D70MAI023</i>
<i>AM29LV800BB-70SI</i>	S29AL008D	70	MAI	02	1	<i>S29AL008D70MAI021</i>
<i>AM29LV800BB-70SIT</i>	S29AL008D	70	MAI	02	3	<i>S29AL008D70MAI023</i>
<i>AM29LV800BB-70WBC</i>	S29AL008D	70	BAI	02	0	<i>S29AL008D70BAI020</i>
<i>AM29LV800BB-70WBI</i>	S29AL008D	70	BAI	02	0	<i>S29AL008D70BAI020</i>
<i>AM29LV800BB-70WBIT</i>	S29AL008D	70	BAI	02	3	<i>S29AL008D70BAI023</i>
<i>AM29LV800BB-80EC</i>	S29AL008D	70	TAI	02	0	<i>S29AL008D70TAI020</i>
<i>AM29LV800BB-80ECT</i>	S29AL008D	70	TAI	02	3	<i>S29AL008D70TAI023</i>
<i>AM29LV800BB-80EI</i>	S29AL008D	70	TAI	02	0	<i>S29AL008D70TAI020</i>
<i>AM29LV800BB-80EC</i>	S29AL008D	70	TAI	02	0	<i>S29AL008D70TAI020</i>
<i>AM29LV800BB-80ECT</i>	S29AL008D	70	TAI	02	3	<i>S29AL008D70TAI023</i>

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Am29LV8000B/D → S29AL008D

Spanion OPN Breakdown

AMD OPN	Spanion Base OPN	Speed Option	Package & Temp	Model Number	Packing Type	Spanion OPN
AM29LV800BB-80SC	S29AL008D	70	MAI	02	1	S29AL008D70MAI021
AM29LV800BB-90EC	S29AL008D	90	TAI	02	0	S29AL008D90TAI020
AM29LV800BB-90EC\T	S29AL008D	90	TAI	02	3	S29AL008D90TAI023
AM29LV800BB-90EI	S29AL008D	90	TAI	02	0	S29AL008D90TAI020
AM29LV800BB-90EI\T	S29AL008D	90	TAI	02	0	S29AL008D90TAI020
AM29LV800BB-90SC	S29AL008D	90	MAI	02	1	S29AL008D90MAI021
AM29LV800BB-90SCT	S29AL008D	90	MAI	02	3	S29AL008D90MAI023
AM29LV800BB-90SI	S29AL008D	90	MAI	02	1	S29AL008D90MAI021
AM29LV800BB-90SI\T	S29AL008D	90	MAI	02	3	S29AL008D90MAI023
AM29LV800BB-90WBC	S29AL008D	90	BAI	02	0	S29AL008D90BAI020
AM29LV800BB-90WBCT	S29AL008D	90	BAI	02	3	S29AL008D90BAI023
AM29LV800BB-90WBI	S29AL008D	90	BAI	02	0	S29AL008D90BAI020
AM29LV800BB-90WBIT	S29AL008D	90	BAI	02	3	S29AL008D90BAI023
AM29LV800BT-120EC	S29AL008D	90	TAI	01	0	S29AL008D90TAI010
AM29LV800BT-120ECT	S29AL008D	90	TAI	01	3	S29AL008D90TAI013
AM29LV800BT-120EI	S29AL008D	90	TAI	01	0	S29AL008D90TAI010
AM29LV800BT-120EIT	S29AL008D	90	TAI	01	3	S29AL008D90TAI013
AM29LV800BT-120SC	S29AL008D	90	MAI	01	1	S29AL008D90MAI011
AM29LV800BT-120SCT	S29AL008D	90	MAI	01	3	S29AL008D90MAI013
AM29LV800BT-120SI	S29AL008D	90	MAI	01	1	S29AL008D90MAI011
AM29LV800BT-120WBC	S29AL008D	90	BAI	01	0	S29AL008D90BAI010
AM29LV800BT-120WBI	S29AL008D	90	BAI	01	0	S29AL008D90BAI010
AM29LV800BT-70EC	S29AL008D	70	TAI	01	0	S29AL008D70TAI010
AM29LV800BT-70EC\T	S29AL008D	70	TAI	01	3	S29AL008D70TAI013
AM29LV800BT-70EI	S29AL008D	70	TAI	01	0	S29AL008D70TAI010
AM29LV800BT-70EI\T	S29AL008D	70	TAI	01	3	S29AL008D70TAI013
AM29LV800BT-70REC	S29AL008D	70	TAI	01	0	S29AL008D70TAI010
AM29LV800BT-70REI	S29AL008D	70	TAI	01	0	S29AL008D70TAI010
AM29LV800BT-70RSC	S29AL008D	70	MAI	01	1	S29AL008D70MAI011

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Am29LV800B/D → S29AL008D

Spanion OPN Breakdown

AMD OPN	Spanion Base OPN	Speed Option	Package & Temp	Model Number	Packing Type	Spanion OPN
AM29LV800BT-70RSI	S29AL008D	55	MAI	01	1	S29AL008D70MAI010
AM29LV800BT-70SC	S29AL008D	70	MAI	01	1	S29AL008D70MAI010
AM29LV800BT-70SCIT	S29AL008D	70	MAI	01	3	S29AL008D70MAI013
AM29LV800BT-70SI	S29AL008D	70	MAI	01	1	S29AL008D70MAI010
AM29LV800BT-70SI\T	S29AL008D	70	MAI	01	3	S29AL008D70MAI013
AM29LV800BT-70WBC	S29AL008D	70	BAI	01	0	S29AL008D70BAI010
AM29LV800BT-70WBCT	S29AL008D	70	BAI	01	3	S29AL008D70BAI013
AM29LV800BT-70WBI	S29AL008D	70	BAI	01	0	S29AL008D70BAI010
AM29LV800BT-70WBIT	S29AL008D	70	BAI	01	3	S29AL008D70BAI013
AM29LV800BT-80EC	S29AL008D	70	TAI	02	0	S29AL008D70TAI020
AM29LV800BT-80EI	S29AL008D	70	TAI	02	0	S29AL008D70TAI020
AM29LV800BT-80SC	S29AL008D	70	MAI	02	1	S29AL008D70MAI021
AM29LV800BT-80SI	S29AL008D	70	MAI	02	1	S29AL008D70MAI021
AM29LV800BT-90EC	S29AL008D	90	TAI	01	0	S29AL008D90TAI010
AM29LV800BT-90ECIT	S29AL008D	90	TAI	01	3	S29AL008D90TAI013
AM29LV800BT-90EI	S29AL008D	90	TAI	01	0	S29AL008D90TAI010
AM29LV800BT-90EI\T	S29AL008D	90	TAI	01	3	S29AL008D90TAI013
AM29LV800BT-90SC	S29AL008D	90	MAI	01	1	S29AL008D90MAI011
AM29LV800BT-90SCIT	S29AL008D	90	MAI	01	3	S29AL008D90MAI013
AM29LV800BT-90SI	S29AL008D	90	MAI	01	1	S29AL008D90MAI011
AM29LV800BT-90SI\T	S29AL008D	90	MAI	01	3	S29AL008D90MAI013
AM29LV800BT-90WBC	S29AL008D	90	BAI	01	0	S29AL008D90BAI010
AM29LV800BT-90WBCT	S29AL008D	90	BAI	01	3	S29AL008D90BAI013
AM29LV800BT-90WBI	S29AL008D	90	BAI	01	0	S29AL008D90BAI010
AM29LV800BT-90WBIT	S29AL008D	90	BAI	01	3	S29AL008D90BAI013
AM29LV800BT-120WBCT	S29AL008D	90	BAI	01	3	S29AL008D90BAI013
AM29LV800DB-120EC	S29AL008D	90	TAI	02	0	S29AL008D90TAI020
AM29LV800DB-120EI	S29AL008D	90	TAI	02	0	S29AL008D90TAI020
AM29LV800DB-120SC	S29AL008D	90	MAI	02	1	S29AL008D90MAI021
AM29LV800DB-120WBC	S29AL008D	90	BAI	02	0	S29AL008D90BAI020

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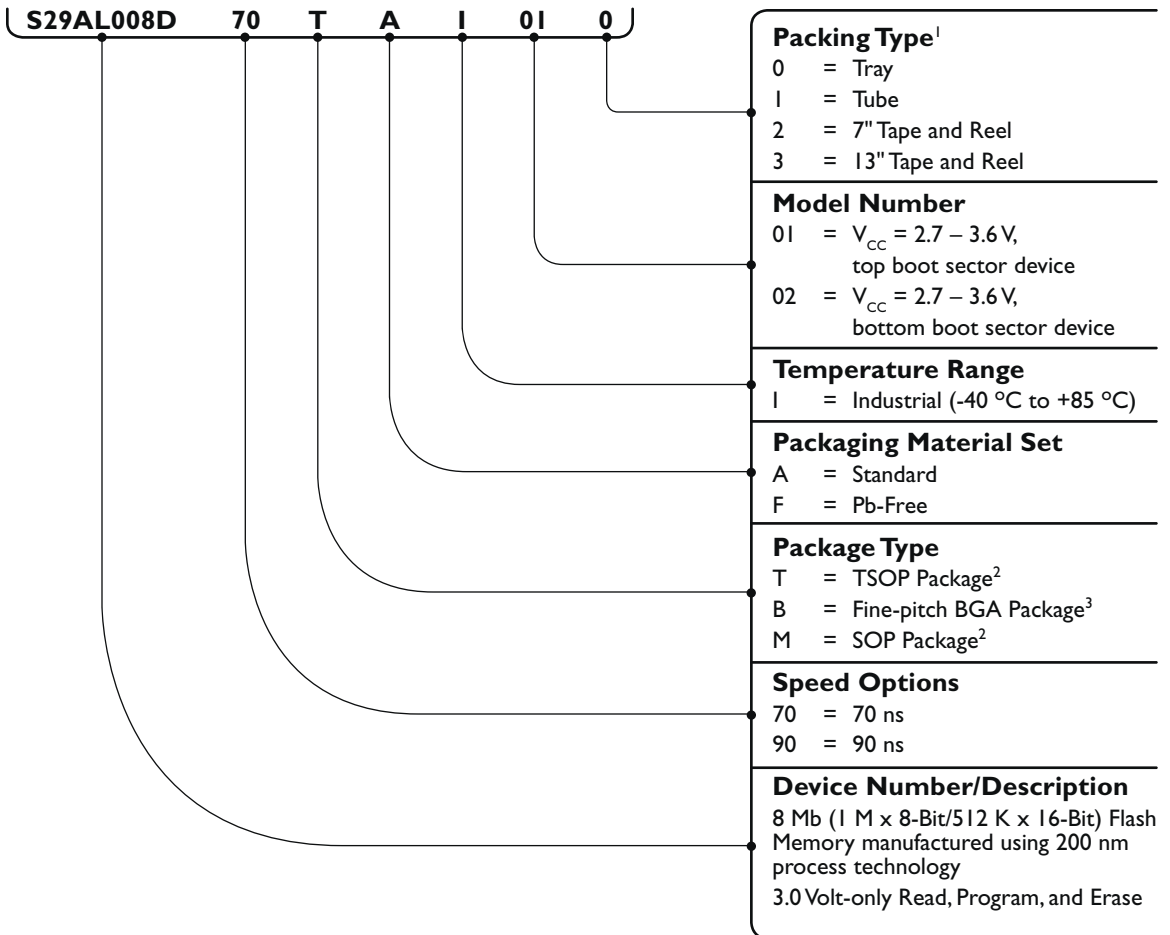
Am29LV8000B/D → S29AL008D

Spanсион OPN Breakdown

AMD OPN	Spanсион Base OPN	Speed Option	Package & Temp	Model Number	Packing Type	Spanсион OPN
AM29LV800DB-120WBI	S29AL008D	90	BAI	02	0	S29AL008D90BAI020
AM29LV800DB-70EC	S29AL008D	70	TAI	02	0	S29AL008D70TAI020
AM29LV800DB-70EC\T	S29AL008D	70	TAI	02	3	S29AL008D70TAI023
AM29LV800DB-70ED	S29AL008D	70	TFI	02	0	S29AL008D70TFI020
AM29LV800DB-70EF	S29AL008D	70	TFI	02	0	S29AL008D70TFI020
AM29LV800DB-70EI	S29AL008D	70	TAI	02	0	S29AL008D70TAI020
AM29LV800DB-70SC	S29AL008D	70	MAI	02	1	S29AL008D70MAI021
AM29LV800DB-70SI	S29AL008D	70	MAI	02	1	S29AL008D70MAI021
AM29LV800DB-70WBC	S29AL008D	70	BAI	02	0	S29AL008D70BAI020
AM29LV800DB-70WBI	S29AL008D	70	BAI	02	0	S29AL008D70BAI020
AM29LV800DB-90EC	S29AL008D	90	TAI	02	0	S29AL008D90TAI020
AM29LV800DB-90EC\T	S29AL008D	90	TAI	02	3	S29AL008D90TAI023
AM29LV800DB-90EI	S29AL008D	90	TAI	02	0	S29AL008D90TAI020
AM29LV800DB-90SC	S29AL008D	90	MAI	02	1	S29AL008D90MAI021
AM29LV800DB-90WBC	S29AL008D	90	BAI	02	0	S29AL008D90BAI020
AM29LV800DB-90WBI	S29AL008D	90	BAI	02	0	S29AL008D90BAI020
AM29LV800DT-120EC	S29AL008D	90	TAI	01	0	S29AL008D90TAI010
AM29LV800DT-120EI	S29AL008D	90	TAI	01	0	S29AL008D90TAI010
AM29LV800DT-120SC	S29AL008D	90	MAI	01	1	S29AL008D90MAI011
AM29LV800DT-120WBC	S29AL008D	90	BAI	01	0	S29AL008D90BAI010
AM29LV800DT-70EC	S29AL008D	70	TAI	01	0	S29AL008D70TAI010
AM29LV800DT-70EC\T	S29AL008D	70	TAI	01	3	S29AL008D70TAI013
AM29LV800DT-70EI	S29AL008D	70	TAI	01	0	S29AL008D70TAI010
AM29LV800DT-70SC	S29AL008D	70	MAI	01	1	S29AL008D70MAI011
AM29LV800DT-70WBCT	S29AL008D	70	BAI	01	3	S29AL008D70BAI013
AM29LV800DT-70WBI	S29AL008D	70	BAI	01	0	S29AL008D70BAI010
AM29LV800DT-90EC	S29AL008D	90	TAI	01	0	S29AL008D90TAI010
AM29LV800DT-90EC\T	S29AL008D	90	TAI	01	3	S29AL008D90TAI013
AM29LV800DT-90EI	S29AL008D	90	TAI	01	0	S29AL008D90TAI010
AM29LV800DT-90EI\T	S29AL008D	90	TAI	01	3	S29AL008D90TAI013
AM29LV800DT-90SI	S29AL008D	90	MAI	01	1	S29AL008D90MAI011
AM29LV800DT-90WBC	S29AL008D	90	BAI	01	0	S29AL008D90BAI010
AM29LV800DT-90WBI	S29AL008D	90	BAI	01	0	S29AL008D90BAI010

Am29LV800B/D → S29AL008D

Ordering Information



S29AL008D

¹ TSOPs can be packed in Types 0 and 3; BGAs can be packed in Types 0, 2, or 3; SOPs can be packed in Types 1 and 3.

² TSOP and SOP package marking omits packing type designator from ordering part number.

³ BGA package marking omits leading "S29" and packing type designator from ordering part number.

Am29LV160D • MBM29LV160TE/BE → S29AL016D

SpanSION OPN Breakdown

AMD OPN	SpanSION Base OPN	Speed Option	Package & Temp	Model Number	Packing Type	SpanSION OPN
AM29LV160DB120EC	S29AL016D	90	TAI	02	0	S29AL016D90TAI020 ^{1,2}
AM29LV160DB120EI	S29AL016D	90	TAI	02	0	S29AL016D90TAI020 ¹
AM29LV160DB120WCC	S29AL016D	90	BAI	02	0	S29AL016D90BAI020 ^{1,2}
AM29LV160DB120WCI	S29AL016D	90	BAI	02	0	S29AL016D90BAI020 ¹
AM29LV160DB70EC	S29AL016D	70	TAI	02	0	S29AL016D70TAI020 ²
AM29LV160DB70ED	S29AL016D	70	TFI	02	0	S29AL016D70TFI020 ²
AM29LV160DB70EI	S29AL016D	70	TAI	02	0	S29AL016D70TAI020
AM29LV160DB70WCC	S29AL016D	70	BAI	02	0	S29AL016D70BAI020 ²
AM29LV160DB70WCI	S29AL016D	70	BAI	02	0	S29AL016D70BAI020
AM29LV160DB80EC	S29AL016D	70	TAI	02	0	S29AL016D70TAI020 ^{1,2}
AM29LV160DB90EC	S29AL016D	90	TAI	02	0	S29AL016D90TAI020 ²
AM29LV160DB90EI	S29AL016D	90	TAI	02	0	S29AL016D90TAI020
AM29LV160DB90WCC	S29AL016D	90	BAI	02	0	S29AL016D90BAI020 ²
AM29LV160DB90WCI	S29AL016D	90	BAI	02	0	S29AL016D90BAI020
AM29LV160DT120EC	S29AL016D	90	TAI	01	0	S29AL016D90TAI010 ^{1,2}
AM29LV160DT120EI	S29AL016D	90	TAI	01	0	S29AL016D90TAI010 ¹
AM29LV160DT120WCC	S29AL016D	90	BAI	01	0	S29AL016D90BAI010 ^{1,2}
AM29LV160DT120WCI	S29AL016D	90	BAI	01	0	S29AL016D90BAI010 ¹
AM29LV160DT70EC	S29AL016D	70	TAI	01	0	S29AL016D70TAI010 ²
AM29LV160DT70EI	S29AL016D	70	TAI	01	0	S29AL016D70TAI010
AM29LV160DT70WCC	S29AL016D	70	BAI	01	0	S29AL016D70BAI010 ²
AM29LV160DT70WCI	S29AL016D	70	BAI	01	0	S29AL016D70BAI010
AM29LV160DT90EC	S29AL016D	90	TAI	01	0	S29AL016D90TAI010 ²
AM29LV160DT90EI	S29AL016D	90	TAI	01	0	S29AL016D90TAI010
AM29LV160DT90WCC	S29AL016D	90	BAI	01	0	S29AL016D90BAI010 ²
AM29LV160DT90WCI	S29AL016D	90	BAI	01	0	S29AL016D90BAI010

*continued on next page*¹ This SpanSION part has a faster random access speed than its corresponding AMD part.² This SpanSION part is guaranteed over the Industrial Temperature Range.

Am29LV160D • MBM29LV160TE/BE → S29AL016D

Spanion OPN Breakdown - continued from previous page

AMD OPN	Spanion Base OPN	Speed Option	Package & Temp	Model Number	Packing Type	Spanion OPN
AM29LV160DB120SC	S29AL016D	90	MAI	02	1	S29AL016D90MAI021 ^{1,2}
AM29LV160DB120SCT	S29AL016D	90	MAI	02	3	S29AL016D90MAI023 ^{1,2}
AM29LV160DB70SC	S29AL016D	70	MAI	02	1	S29AL016D70MAI021 ²
AM29LV160DB70SI	S29AL016D	70	MAI	02	1	S29AL016D70MAI021
AM29LV160DB70SIT	S29AL016D	70	MAI	02	3	S29AL016D70MAI023
AM29LV160DB90SC	S29AL016D	90	MAI	02	1	S29AL016D90MAI021 ²
AM29LV160DB90SCT	S29AL016D	90	MAI	02	3	S29AL016D90MAI023 ²
AM29LV160DB90SI	S29AL016D	90	MAI	02	1	S29AL016D90MAI021
AM29LV160DB90SIT	S29AL016D	90	MAI	02	3	S29AL016D90MAI023
AM29LV160DT120SC	S29AL016D	90	MAI	01	1	S29AL016D90MAI011 ^{1,2}
AM29LV160DT120SI	S29AL016D	90	MAI	01	1	S29AL016D90MAI011 ¹
AM29LV160DT70SC	S29AL016D	70	MAI	01	1	S29AL016D70MAI011 ²
AM29LV160DT70SI	S29AL016D	70	MAI	01	1	S29AL016D70MAI011
AM29LV160DT90SC	S29AL016D	90	MAI	01	1	S29AL016D90MAI011 ²
AM29LV160DT90SCT	S29AL016D	90	MAI	01	3	S29AL016D90MAI013 ²
AM29LV160DT90SI	S29AL016D	90	MAI	01	1	S29AL016D90MAI011
AM29LV160DT90SIT	S29AL016D	60	MAI	01	3	S29AL016D90MAI013

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¹ This Spanion part has a faster random access speed than its corresponding AMD part.² This Spanion part is guaranteed over the Industrial Temperature Range.

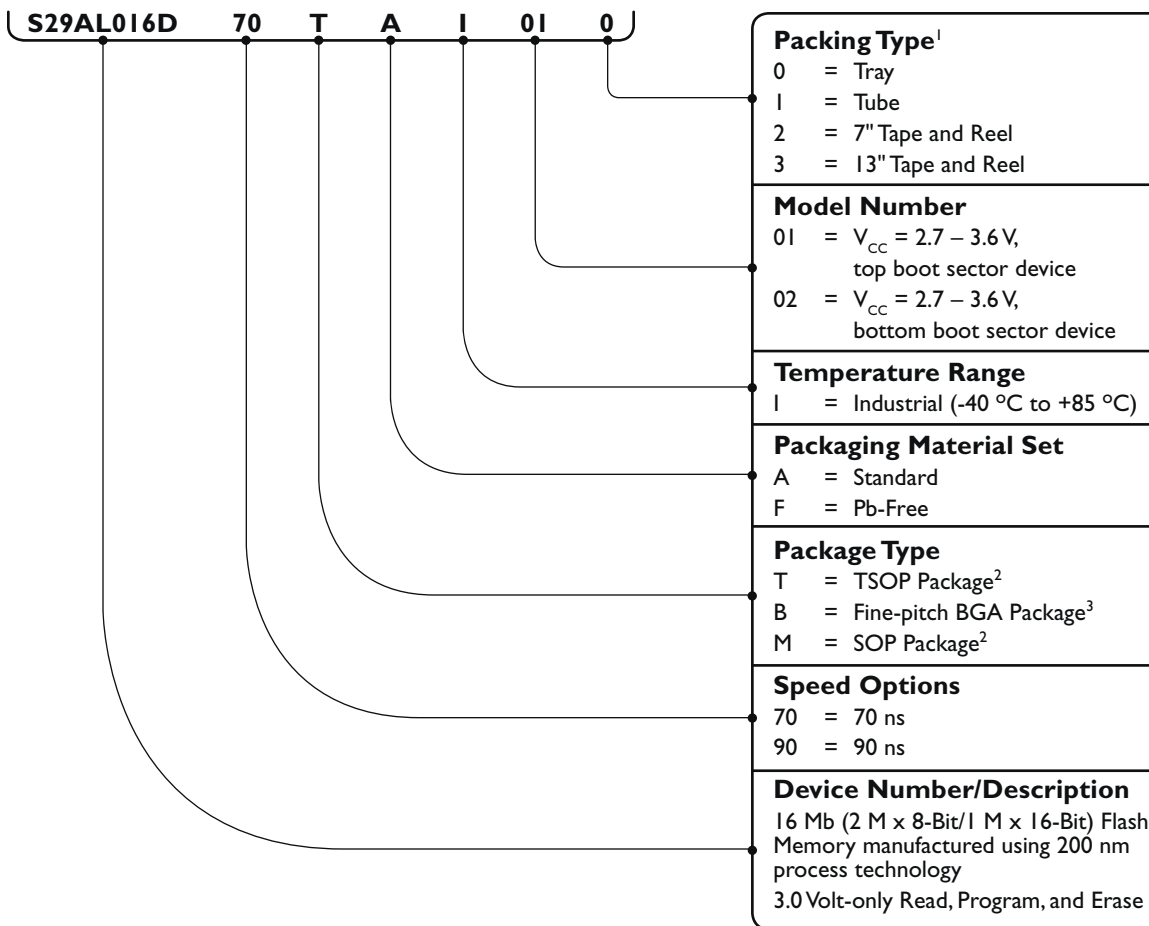
Am29LVI60D • MBM29LVI60TE/BE → S29AL016D

Spanion OPN Breakdown - *continued from previous page*

FUJITSU OPN	Spanion Base OPN	Speed Option	Package & Temp	Model Number	Packing Type	Spanion OPN
MBM29LVI60TE70TN-K	S29AL016D	70	TAI	01	0	S29AL016D70TAI010
MBM29LVI60TE70TN-KEI	S29AL016D	70	TFI	01	0	S29AL016D70TFI010
MBM29LVI60TE90TN-K	S29AL016D	90	TAI	01	0	S29AL016D90TAI010
MBM29LVI60TE90TN-KEI	S29AL016D	90	TFI	01	0	S29AL016D90TFI010
MBM29LVI60TE70NC-K	S29AL016D	70	TAI	01	0	S29AL016D70TAI010
MBM29LVI60TE70NC-KEI	S29AL016D	70	TFI	01	0	S29AL016D70TFI010
MBM29LVI60TE70NC-J	S29AL016D	70	TAI	01	0	S29AL016D70TAI010
MBM29LVI60TE90PBT-JEI	S29AL016D	90	BFI	01	0	S29AL016D90BFI010
MBM29LVI60TE90NC-K	S29AL016D	90	TAI	01	0	S29AL016D90TFI010
MBM29LVI60TE90NC-KEI	S29AL016D	90	TFI	01	0	S29AL016D90TFI010
MBM29LVI60TE90NC-J	S29AL016D	90	TAI	01	0	S29AL016D90TAI010
MBM29LVI60TE70PBT-J	S29AL016D	70	BAI	01	0	S29AL016D70BAI010
MBM29LVI60TE70PBT-JEI	S29AL016D	70	BFI	01	0	S29AL016D70BFI010
MBM29LVI60TE90PBT-J	S29AL016D	90	BAI	01	0	S29AL016D90BAI010
MBM29LVI60BE70TN-K	S29AL016D	70	TAI	02	0	S29AL016D70TAI020
MBM29LVI60BE70TN-KEI	S29AL016D	70	TFI	02	0	S29AL016D70TFI020
MBM29LVI60BE90TN-K	S29AL016D	90	TAI	02	0	S29AL016D90TAI020
MBM29LVI60BE90TN-KEI	S29AL016D	90	TFI	02	0	S29AL016D90TFI020
MBM29LVI60BE70NC-K	S29AL016D	70	TAI	02	0	S29AL016D70TAI020
MBM29LVI60BE70NC-KEI	S29AL016D	70	TFI	02	0	S29AL016D70TFI020
MBM29LVI60BE70NC-J	S29AL016D	70	TAI	02	0	S29AL016D70TAI020
MBM29LVI60BE90PBT-JEI	S29AL016D	90	BFI	02	0	S29AL016D90BFI020
MBM29LVI60BE90NC-K	S29AL016D	90	TAI	02	0	S29AL016D90TAI020
MBM29LVI60BE90NC-KEI	S29AL016D	90	TFI	02	0	S29AL016D90TFI020
MBM29LVI60BE90NC-J	S29AL016D	90	TAI	02	0	S29AL016D90TAI020
MBM29LVI60BE70PBT-J	S29AL016D	70	BAI	02	0	S29AL016D70BAI020
MBM29LVI60BE70PBT-JEI	S29AL016D	70	BFI	02	0	S29AL016D70BFI020
MBM29LVI60BE90PBT-J	S29AL016D	90	BAI	02	0	S29AL016D90BAI020

Am29LV160D • MBM29LV160TE/BE → S29AL016D

Ordering Information



¹ TSOPs and SOPs can be packed in Types 0 and 3; BGAs can be packed in Types 0, 2, or 3; SOPs can be packed in Types 1 and 3.

² TSOP and SOP package marking omits packing type designator from ordering part number.

³ BGA package marking omits leading "S29" and packing type designator from ordering part number.

Am29LV160M → S29AL016M

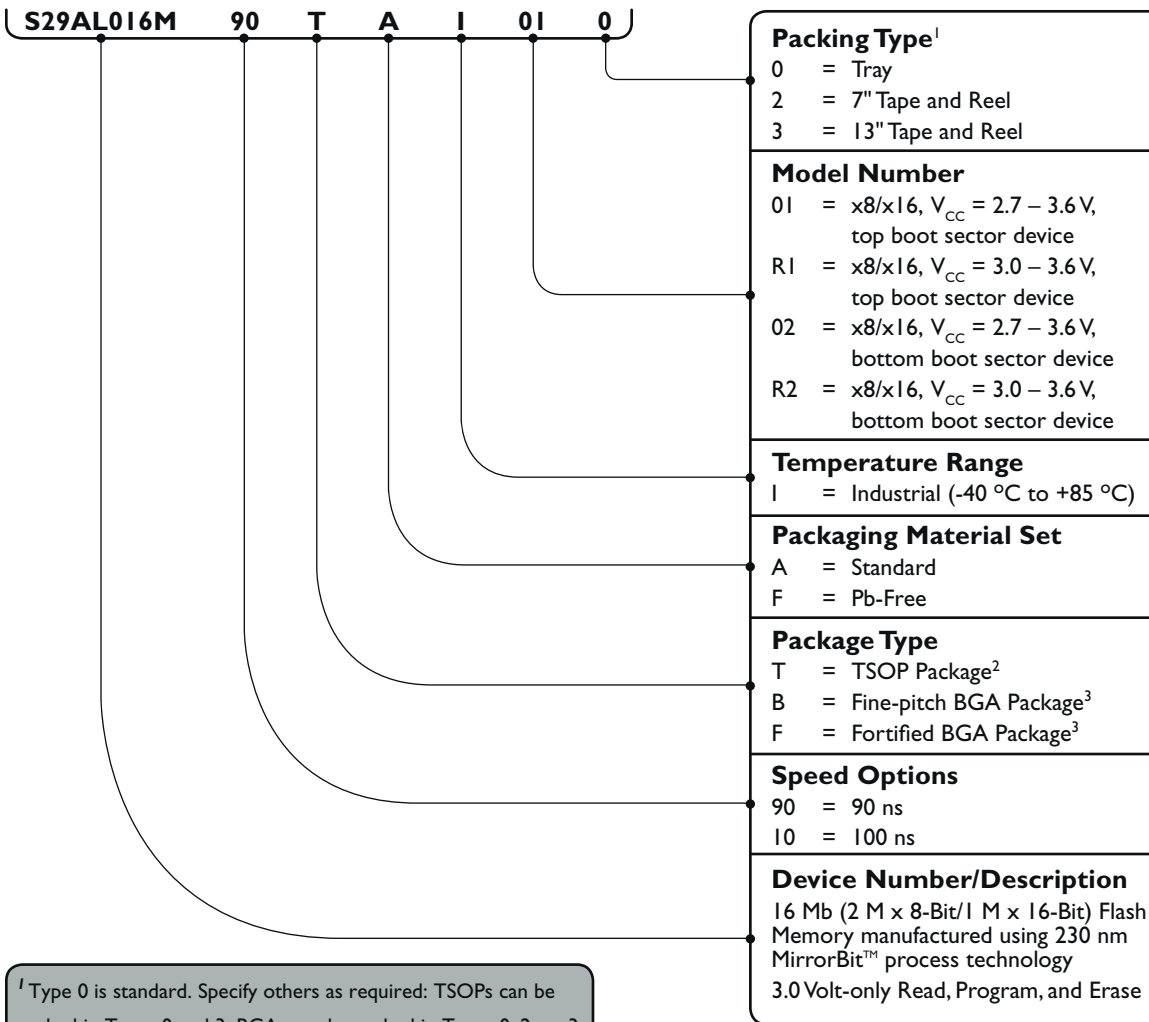
Spancion OPN Breakdown

AMD OPN	Spancion Base OPN	Speed Option	Package & Temp	Model Number	Packing Type	Spancion OPN
<i>AM29LV160MT90WAI</i>	S29AL016M	90	BAI	01	0	<i>S29AL016M90BAI010</i>
<i>AM29LV160MT90EI</i>	S29AL016M	90	TAI	01	0	<i>S29AL016M90TAI010</i>
<i>AM29LV160MT100EI</i>	S29AL016M	10	TAI	01	0	<i>S29AL016M10TAI010</i>
<i>AM29LV160MB90WAI</i>	S29AL016M	90	BAI	02	0	<i>S29AL016M90BAI020</i>
<i>AM29LV160MB90PCI</i>	S29AL016M	90	FAI	02	0	<i>S29AL016M90FAI020</i>
<i>AM29LV160MB90EI</i>	S29AL016M	90	TAI	02	0	<i>S29AL016M90TAI020</i>
<i>AM29LV160MB100WAI</i>	S29AL016M	10	BAI	02	0	<i>S29AL016M10BAI020</i>
<i>AM29LV160MB100EI</i>	S29AL016M	10	TAI	02	0	<i>S29AL016M10TAI020</i>
<i>AM29LV160MB120EI</i>	S29AL016M	10	TAI	02	0	<i>S29AL016M10TAI020</i> ¹
<i>AM29LV160MB70EI</i>	S29AL016M	90	TAI	02	0	<i>S29AL016M90TAI020</i>
<i>AM29LV160MB90EIT</i>	S29AL016M	90	TAI	02	3	<i>S29AL016M90TAI023</i>
<i>AM29LV160MB90REI</i>	S29AL016M	90	TAI	R2	0	<i>S29AL016M90TAIR20</i>
<i>AM29LV160MT120EI</i>	S29AL016M	10	TAI	01	0	<i>S29AL016M10TAI010</i> ¹
<i>AM29LV160MT70EI</i>	S29AL016M	90	TAI	01	0	<i>S29AL016M90TAI010</i>
<i>AM29LV160MT90PCIT</i>	S29AL016M	90	FAI	01	2 or 3	<i>S29AL016M90FAI012/3</i>
<i>AM29LV160MT90REI</i>	S29AL016M	90	TAI	R1	0	<i>S29AL016M90TAIR10</i>

¹ This Spancion part has a faster random access speed than its corresponding AMD part.

Am29LV160M → S29AL016M

Ordering Information



S29AL016M

¹ Type 0 is standard. Specify others as required: TSOPs can be packed in Types 0 and 3; BGAs can be packed in Types 0, 2, or 3.
² TSOP package marking omits packing type designator from ordering part number.
³ BGA package marking omits leading "S29" and packing type designator from ordering part number.

Spanсион OPN Breakdown

AMD OPN	Spanсион Base OPN	Speed Option	Package & Temp	Model Number	Packing Type	Spanсион OPN
<i>AM29DL320GB70EI</i>	S29JL032H	70	TAI	02	0	<i>S29JL032H70TAI020</i>
<i>AM29DL320GB90EI</i>	S29JL032H	90	TAI	02	0	<i>S29JL032H90TAI020</i>
<i>AM29DL320GT70EI</i>	S29JL032H	70	TAI	01	0	<i>S29JL032H70TAI010</i>
<i>AM29DL322GB120EI</i>	S29JL032H	90	TAI	22	0	<i>S29JL032H90TAI220</i> ¹
<i>AM29DL322GB70EI</i>	S29JL032H	70	TAI	22	0	<i>S29JL032H70TAI220</i>
<i>AM29DL322GB90EI</i>	S29JL032H	90	TAI	22	0	<i>S29JL032H90TAI220</i>
<i>AM29DL322GB90EIT</i>	S29JL032H	90	TAI	22	3	<i>S29JL032H90TAI223</i>
<i>AM29DL322GT70EI</i>	S29JL032H	70	TAI	21	0	<i>S29JL032H70TAI210</i>
<i>AM29DL322GT90EI</i>	S29JL032H	90	TAI	21	0	<i>S29JL032H90TAI210</i>
<i>AM29DL322GT90EIT</i>	S29JL032H	90	TAI	21	3	<i>S29JL032H90TAI213</i>
<i>AM29DL323GB120EI</i>	S29JL032H	90	TAI	32	0	<i>S29JL032H90TAI320</i> ¹
<i>AM29DL323GB120EIT</i>	S29JL032H	90	TAI	32	3	<i>S29JL032H90TAI323</i> ¹
<i>AM29DL323GB70EI</i>	S29JL032H	70	TAI	32	0	<i>S29JL032H70TAI320</i>
<i>AM29DL323GB70EIT</i>	S29JL032H	70	TAI	32	3	<i>S29JL032H70TAI323</i>
<i>AM29DL323GB90EI</i>	S29JL032H	90	TAI	32	0	<i>S29JL032H90TAI320</i>
<i>AM29DL323GB90EIT</i>	S29JL032H	90	TAI	32	3	<i>S29JL032H90TAI323</i>
<i>AM29DL323GT120EI</i>	S29JL032H	90	TAI	31	0	<i>S29JL032H90TAI310</i> ¹
<i>AM29DL323GT120EIT</i>	S29JL032H	90	TAI	31	3	<i>S29JL032H90TAI313</i> ¹
<i>AM29DL323GT70EI</i>	S29JL032H	70	TAI	31	0	<i>S29JL032H70TAI310</i>
<i>AM29DL323GT90EI</i>	S29JL032H	90	TAI	31	0	<i>S29JL032H90TAI310</i>
<i>AM29DL323GT90EIT</i>	S29JL032H	90	TAI	31	3	<i>S29JL032H90TAI313</i>
<i>AM29DL324GB70EI</i>	S29JL032H	70	TAI	42	0	<i>S29JL032H70TAI420</i>
<i>AM29DL324GB70EIT</i>	S29JL032H	70	TAI	42	3	<i>S29JL032H70TAI423</i>
<i>AM29DL324GB90EI</i>	S29JL032H	90	TAI	42	0	<i>S29JL032H90TAI420</i>
<i>AM29DL324GB90EIT</i>	S29JL032H	90	TAI	42	3	<i>S29JL032H90TAI423</i>
<i>AM29DL324GT70EI</i>	S29JL032H	70	TAI	41	0	<i>S29JL032H70TAI410</i>
<i>AM29DL324GT90EI</i>	S29JL032H	90	TAI	41	0	<i>S29JL032H90TAI410</i>

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¹ This Spanсион part has a faster random access speed than its corresponding AMD part.

Am29DL32xG • MBM29DL32xE • MBM29DL32F • MBM29DL34F (TSOP) → S29JL032H

SpanSION OPN Breakdown - continued from previous page

FUJITSU OPN	SpanSION Base OPN	Speed Option	Package & Temp	Model Number	Packing Type	SpanSION OPN
MBM29DL322TE90TN-K	S29JL032H	90	TAI	21	0	S29JL032H90TAI210
MBM29DL322TE90TN-KEI	S29JL032H	90	TFI	21	0	S29JL032H90TFI210
MBM29DL322TE90NC-K	S29JL032H	90	TAI	21	0	S29JL032H90TAI210
MBM29DL322TE90NC-KEI	S29JL032H	90	TFI	21	0	S29JL032H90TFI210
MBM29DL322TE90TN-J	S29JL032H	90	TAI	21	0	S29JL032H90TAI210
MBM29DL322TE90TN-JEI	S29JL032H	90	TFI	21	0	S29JL032H90TFI210
MBM29DL322TE90NC-J	S29JL032H	90	TAI	21	0	S29JL032H90TAI210
MBM29DL322TE90NC-JEI	S29JL032H	90	TFI	21	0	S29JL032H90TFI210
MBM29DL322BE90TN-K	S29JL032H	90	TAI	22	0	S29JL032H90TAI220
MBM29DL322BE90TN-KEI	S29JL032H	90	TFI	22	0	S29JL032H90TFI220
MBM29DL322BE90NC-K	S29JL032H	90	TAI	22	0	S29JL032H90TAI220
MBM29DL322BE90NC-KEI	S29JL032H	90	TFI	22	0	S29JL032H90TFI220
MBM29DL322BE90TN-J	S29JL032H	90	TAI	22	0	S29JL032H90TAI220
MBM29DL322BE90TN-JEI	S29JL032H	90	TFI	22	0	S29JL032H90TFI220
MBM29DL322BE90NC-J	S29JL032H	90	TAI	22	0	S29JL032H90TAI220
MBM29DL322BE90NC-JEI	S29JL032H	90	TFI	22	0	S29JL032H90TFI220
MBM29DL323TE90TN-K	S29JL032H	90	TAI	31	0	S29JL032H90TAI310
MBM29DL323TE90TN-KEI	S29JL032H	90	TFI	31	0	S29JL032H90TFI310
MBM29DL323TE90NC-K	S29JL032H	90	TAI	31	0	S29JL032H90TAI310
MBM29DL323TE90NC-KEI	S29JL032H	90	TFI	31	0	S29JL032H90TFI310
MBM29DL323TE90TN-J	S29JL032H	90	TAI	31	0	S29JL032H90TAI310
MBM29DL323TE90TN-JEI	S29JL032H	90	TFI	31	0	S29JL032H90TFI310
MBM29DL323TE90NC-J	S29JL032H	90	TAI	31	0	S29JL032H90TAI310
MBM29DL323TE90NC-JEI	S29JL032H	90	TFI	31	0	S29JL032H90TFI310
MBM29DL323BE90TN-K	S29JL032H	90	TAI	32	0	S29JL032H90TAI320
MBM29DL323BE90TN-KEI	S29JL032H	90	TFI	32	0	S29JL032H90TFI320
MBM29DL323BE90NC-K	S29JL032H	90	TAI	32	0	S29JL032H90TAI320
MBM29DL323BE90NC-KEI	S29JL032H	90	TFI	32	0	S29JL032H90TFI320
MBM29DL323BE90TN-J	S29JL032H	90	TAI	32	0	S29JL032H90TAI320
MBM29DL323BE90TN-JEI	S29JL032H	90	TFI	32	0	S29JL032H90TFI320
MBM29DL323BE90NC-J	S29JL032H	90	TAI	32	0	S29JL032H90TAI320

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Am29DL32xG • MBM29DL32xE • MBM29DL32F • MBM29DL34F (TSOP) → S29JL032H

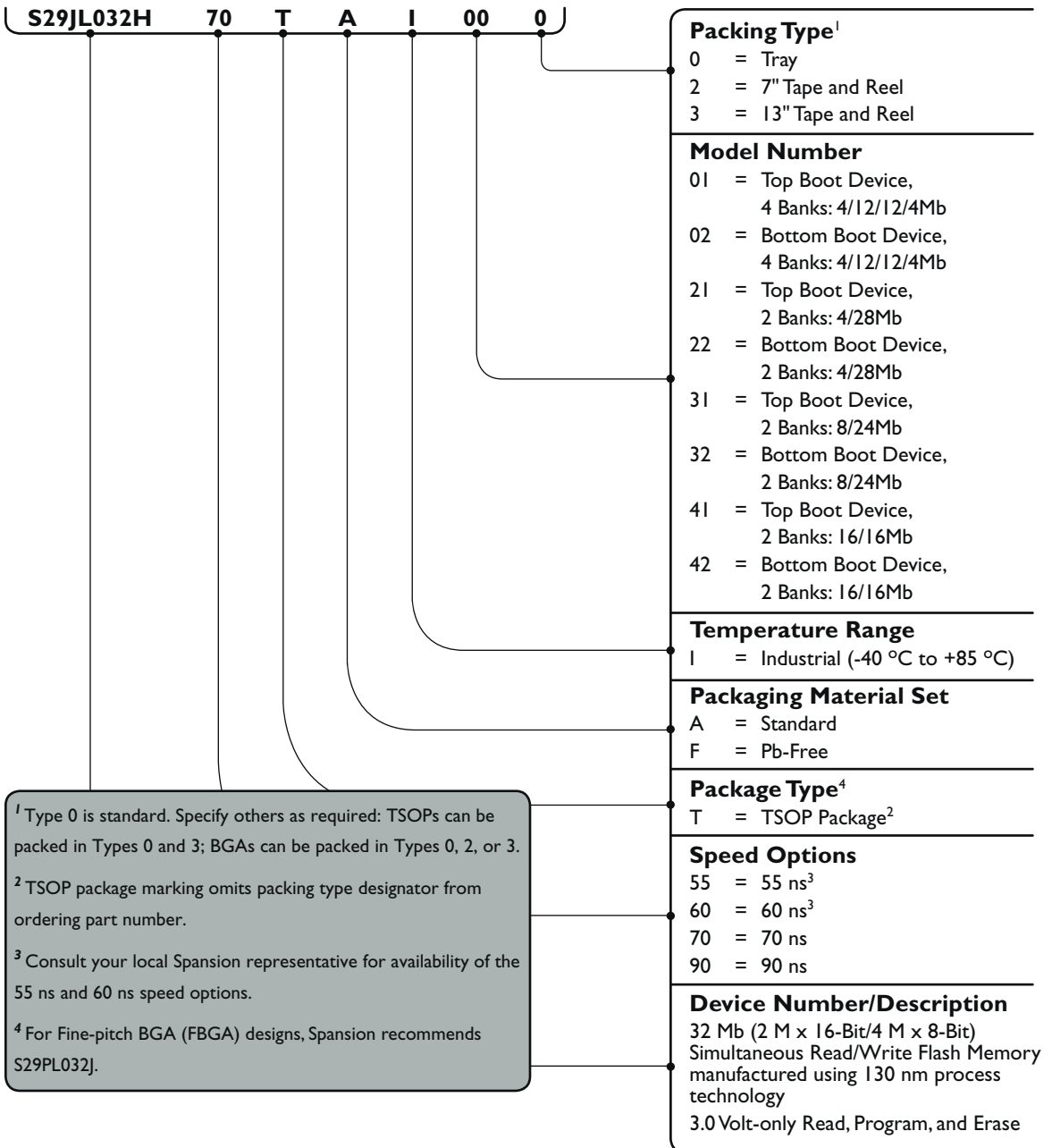
SpanSION OPN Breakdown - continued from previous page

FUJITSU OPN	SpanSION Base OPN	Speed Option	Package & Temp	Model Number	Packing Type	SpanSION OPN
<i>MBM29DL323BE90NC-JEI</i>	S29JL032H	90	TFI	32	0	<i>S29JL032H90TFI320</i>
<i>MBM29DL324TE90TN-K</i>	S29JL032H	90	TAI	41	0	<i>S29JL032H90TAI410</i>
<i>MBM29DL324TE90TN-KEI</i>	S29JL032H	90	TFI	41	0	<i>S29JL032H90TFI410</i>
<i>MBM29DL324TE90NC-K</i>	S29JL032H	90	TAI	41	0	<i>S29JL032H90TAI410</i>
<i>MBM29DL324TE90NC-KEI</i>	S29JL032H	90	TFI	41	0	<i>S29JL032H90TFI410</i>
<i>MBM29DL324TE90TN-J</i>	S29JL032H	90	TAI	41	0	<i>S29JL032H90TAI410</i>
<i>MBM29DL324TE90TN-JEI</i>	S29JL032H	90	TFI	41	0	<i>S29JL032H90TFI410</i>
<i>MBM29DL324TE90NC-J</i>	S29JL032H	90	TAI	41	0	<i>S29JL032H90TAI410</i>
<i>MBM29DL324TE90NC-JEI</i>	S29JL032H	90	TFI	41	0	<i>S29JL032H90TFI410</i>
<i>MBM29DL324BE90TN-K</i>	S29JL032H	90	TAI	42	0	<i>S29JL032H90TAI420</i>
<i>MBM29DL324BE90TN-KEI</i>	S29JL032H	90	TFI	42	0	<i>S29JL032H90TFI420</i>
<i>MBM29DL324BE90NC-K</i>	S29JL032H	90	TAI	42	0	<i>S29JL032H90TAI420</i>
<i>MBM29DL324BE90NC-KEI</i>	S29JL032H	90	TFI	42	0	<i>S29JL032H90TFI420</i>
<i>MBM29DL324BE90TN-J</i>	S29JL032H	90	TAI	42	0	<i>S29JL032H90TAI420</i>
<i>MBM29DL324BE90TN-JEI</i>	S29JL032H	90	TFI	42	0	<i>S29JL032H90TFI420</i>
<i>MBM29DL324BE90NC-J</i>	S29JL032H	90	TAI	42	0	<i>S29JL032H90TAI420</i>
<i>MBM29DL324BE90NC-JEI</i>	S29JL032H	90	TFI	42	0	<i>S29JL032H90TFI420</i>
<i>MBM29DL32TF70TN-K</i>	S29JL032H	70	TAI	01	0	<i>S29JL032H70TAI010</i>
<i>MBM29DL32TF70TN-KEI</i>	S29JL032H	70	TFI	01	0	<i>S29JL032H70TFI010</i>
<i>MBM29DL32BF70TN-K</i>	S29JL032H	70	TAI	02	0	<i>S29JL032H70TAI020</i>
<i>MBM29DL32BF70TN-KEI</i>	S29JL032H	70	TFI	02	0	<i>S29JL032H70TFI020</i>
<i>MBM29DL34TF70TN-K</i>	S29JL032H	70	TAI	31	0	<i>S29JL032H70TAI310</i>
<i>MBM29DL34TF70TN-KEI</i>	S29JL032H	70	TFI	31	0	<i>S29JL032H70TFI310</i>
<i>MBM29DL34BF70TN-K</i>	S29JL032H	70	TAI	32	0	<i>S29JL032H70TAI320</i>
<i>MBM29DL34BF70TN-KI</i>	S29JL032H	70	TFI	32	0	<i>S29JL032H70TFI320</i>
<i>MBM29DL34TF70TN-K</i>	S29PL032J	70	TAI	31	0	<i>S29JL032H70TAI310</i>
<i>MBM29DL34TF70TN-KEI</i>	S29PL032J	70	TFI	31	0	<i>S29JL032H70TFI310</i>
<i>MBM29DL34BF70TN-K</i>	S29PL032J	70	TAI	32	0	<i>S29JL032H70TAI320</i>
<i>MBM29DL34BF70TN-KI</i>	S29PL032J	70	TFI	32	0	<i>S29JL032H70TFI320</i>

For Fine-pitch BGA (FBGA) designs, SpanSION recommends S29PL032J.

Am29DL32xG • MBM29DL32xE • MBM29DL32F • MBM29DL34F (TSOP) → S29JL032H

Ordering Information



SpanSION OPN Breakdown

AMD OPN	SpanSION Base OPN	Speed Option	Package & Temp	Model Number	Packing Type	SpanSION OPN
AM29DL320GB70WMI	S29PL032J	70	BAI	12	0	S29PL032J70BAI120
AM29DL320GT70WDI	S29PL032J	70	BAI	12	0	S29PL032J70BAI120
AM29DL320GT90WDIT	S29PL032J	70	BAI	12	2 or 3	S29PL032J70BAI122/3 ¹
AM29DL322GB90WDI	S29PL032J	70	BAI	12	0	S29PL032J70BAI120 ¹
AM29DL322GT70WMIT	S29PL032J	70	BAI	12	2 or 3	S29PL032J70BAI122/3
AM29DL322GT90WDIT	S29PL032J	70	BAI	12	2 or 3	S29PL032J70BAI122/3 ¹
AM29DL323GB120WDI	S29PL032J	70	BAI	12	0	S29PL032J70BAI120 ¹
AM29DL323GB70WDI	S29PL032J	70	BAI	12	0	S29PL032J70BAI120
AM29DL323GB70WMI	S29PL032J	70	BAI	12	0	S29PL032J70BAI120
AM29DL323GB90WDI	S29PL032J	70	BAI	12	0	S29PL032J70BAI120 ¹
AM29DL323GB90WDIT	S29PL032J	70	BAI	12	2 or 3	S29PL032J70BAI122/3 ¹
AM29DL323GB90WMI	S29PL032J	70	BAI	12	0	S29PL032J70BAI120 ¹
AM29DL323GT120WDI	S29PL032J	70	BAI	12	0	S29PL032J70BAI120 ¹
AM29DL323GT70WDI	S29PL032J	70	BAI	12	0	S29PL032J70BAI120
AM29DL323GT70WDIT	S29PL032J	70	BAI	12	2 or 3	S29PL032J70BAI122/3
AM29DL323GT70WMI	S29PL032J	70	BAI	12	0	S29PL032J70BAI120
AM29DL323GT90WDI	S29PL032J	70	BAI	12	0	S29PL032J70BAI120 ¹
AM29DL323GT90WDIT	S29PL032J	70	BAI	12	2 or 3	S29PL032J70BAI122/3 ¹
AM29DL323GT90WMI	S29PL032J	70	BAI	12	0	S29PL032J70BAI120 ¹
AM29DL324GB70WDI	S29PL032J	70	BAI	12	0	S29PL032J70BAI120
AM29DL324GB70WDIT	S29PL032J	70	BAI	12	2 or 3	S29PL032J70BAI122/3
AM29DL324GT70WDI	S29PL032J	70	BAI	12	0	S29PL032J70BAI120

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¹ This SpanSION part has a faster random access speed than its corresponding AMD part.

Am29DL32xG • MBM29DL32xE • MBM29DL32F • MBM29DL34F (FBGA) → S29PL032J

SpanSION OPN Breakdown - continued from previous page

FUJITSU OPN	SpanSION Base OPN	Speed Option	Package & Temp	Model Number	Packing Type	SpanSION OPN
MBM29DL34TF70PBT-J	S29PL032J	60	BAI	12	0	S29PL032J60BAI120
MBM29DL34TF70PBT-JEI	S29PL032J	60	BFI	12	0	S29PL032J60BFI120
MBM29DL34BF70PBT-J	S29PL032J	60	BAI	12	0	S29PL032J60BAI120
MBM29DL34BF70PBT-JEI	S29PL032J	60	BFI	12	0	S29PL032J60BFI120
MBM29DL322TE90PBT-J	S29PL032J	60	BAI	12	0	S29PL032J60BAI120
MBM29DL322BE90PBT-J	S29JL032J	60	BAI	12	0	S29PL032J60BAI120
MBM29DL323TE90PBT-J	S29PL032J	60	BAI	12	0	S29PL032J60BAI120
MBM29DL323BE90PBT-J	S29JL032J	60	BAI	12	0	S29PL032J60BAI120
MBM29DL324TE90PBT-J	S29PL032J	60	BAI	12	0	S29PL032J60BAI120
MBM29DL324BE90PBT-J	S29PL032J	60	BAI	12	0	S29PL032J60BAI120
MBM29DL32TF70PBT-J	S29PL032J	60	BAI	12	0	S29PL032J60BAI120
MBM29DL32TF70PBT-JEI	S29PL032J	60	BFI	12	0	S29PL032J60BFI120
MBM29DL32BF70PBT-J	S29PL032J	60	BAI	12	0	S29PL032J60BAI120
MBM29DL32BF70PBT-JEI	S29PL032J	60	BFI	12	0	S29PL032J60BFI120
MBM29DL34TF70PBT-J	S29PL032J	60	BAI	12	0	S29PL032J60BAI120
MBM29DL34TF70PBT-JEI	S29PL032J	60	BFI	12	0	S29PL032J60BFI120
MBM29DL34BF70PBT-J	S29PL032J	60	BAI	12	0	S29PL032J60BAI120
MBM29DL34BF70PBT-JEI	S29PL032J	60	BFI	12	0	S29PL032J60BFI120

Ordering Information

S29PL032J	55	B	A	W	12	0	
							Packing Type¹ 0 = Tray 1 = Tube 2 = 7" Tape and Reel 3 = 13" Tape and Reel
							Model Number 12 = 3.0V V _{IO} 48-ball 8 x 6 mm FBGA (VBK048) 15 = 3.0V V _{IO} 56-ball 7 x 9 mm FBGA (TLC056)
							Temperature Range W = Wireless (-25 °C to +85 °C) I = Industrial (-40 °C to +85 °C)
							Packaging Material Set A = Standard F = Pb-Free
							Package Type B = FBGA Package
							Speed Options 55 = 55 ns ² 60 = 60 ns ² 65 = 65 ns 70 = 70 ns
							Device Number/Description 32 Mb (2 M x 16-Bit/4 M x 8-Bit) Simultaneous Read/Write Flash Memory manufactured using 130 nm process technology 3.0 Volt-only Read, Program, and Erase

S29PL032J

¹ Type 0 is standard. Specify others as required: TSOPs can be packed in Types 0 and 3; BGAs can be packed in Types 0, 2, or 3.

² Consult your local Spansion representative for availability of the 55 ns and 60 ns speed options.

Spanion OPN Breakdown

AMD OPN	Spanion Base OPN	Speed Option	Package & Temp	Model Number	Packing Type	Spanion OPN
AM29LV320MB100REI	S29GL032M	10	TAI	R4	0	S29GL032MI0TAIR40
AM29LV320MB100REIT	S29GL032M	10	TAI	R4	3	S29GL032MI0TAIR43
AM29LV320MB100RWCI	S29GL032M	10	BAI	R4	0	S29GL032MI0BAIR40
AM29LV320MB110REI	S29GL032M	11	TAI	R4	0	S29GL032MI1TAIR40
AM29LV320MB110RPCI	S29GL032M	11	FAI	R4	0	S29GL032MI1FAIR40
AM29LV320MB120REI	S29GL032M	11	TAI	R4	0	S29GL032MI1TAIR40 ¹
AM29LV320MB120RPCI	S29GL032M	11	FAI	R4	0	S29GL032MI1FAIR40 ¹
AM29LV320MB120RWCI	S29GL032M	11	BAI	R4	0	S29GL032MI1BAIR40 ¹
AM29LV320MH101REI	S29GL032M	10	TAI	R1	0	S29GL032MI0TAIR10
AM29LV320MH112REI	S29GL032M	11	TAI	R1	0	S29GL032MI1TAIR10
AM29LV320MH120REI	S29GL032M	11	TAI	R1	0	S29GL032MI1TAIR10 ¹
AM29LV320MH120RPCI	S29GL032M	11	FAI	R1	0	S29GL032MI1FAIR10 ¹
AM29LV320ML101REI	S29GL032M	10	TAI	R2	0	S29GL032MI0TAIR20
AM29LV320ML112REI	S29GL032M	11	TAI	R2	0	S29GL032MI1TAIR20
AM29LV320ML112RPCI	S29GL032M	11	FAI	R2	0	S29GL032MI1FAIR20
AM29LV320ML120REI	S29GL032M	11	TAI	R2	0	S29GL032MI1TAIR20 ¹
AM29LV320ML120RPCI	S29GL032M	11	FAI	R2	0	S29GL032MI1FAIR20 ¹
AM29LV320ML12RPCIT	S29GL032M	11	FAI	R2	2 or 3	S29GL032MI1FAIR22/3 ¹
AM29LV320MT100REI	S29GL032M	10	TAI	R3	0	S29GL032MI0TAIR30
AM29LV320MT100RPCI	S29GL032M	10	FAI	R3	0	S29GL032MI0FAIR30
AM29LV320MT100RWCI	S29GL032M	10	BAI	R3	0	S29GL032MI0BAIR30
AM29LV320MT110REI	S29GL032M	11	TAI	R3	0	S29GL032MI1TAIR30
AM29LV320MT110RPCI	S29GL032M	11	FAI	R3	0	S29GL032MI1FAIR30
AM29LV320MT120REI	S29GL032M	11	TAI	R3	0	S29GL032MI1TAIR30 ¹
AM29LV320MT120RPCI	S29GL032M	11	FAI	R3	0	S29GL032MI1FAIR30 ¹
AM29LV033MU101REI	S29GL032M	10	TAI	R0	0	S29GL032MI0TAIR00
AM29LV033MU112REI	S29GL032M	11	TAI	R0	0	S29GL032MI1TAIR00
AM29LV033MU120REI	S29GL032M	11	TAI	R0	0	S29GL032MI1TAIR00 ¹
AM29LV033MU112EI	S29GL032M	11	TAI	R0	0	S29GL032MI1TAIR00 ²
AM29LV033MU120EI	S29GL032M	11	TAI	R0	0	S29GL032MI1TAIR00 ^{1,2}

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¹ This Spanion part has a faster random access speed than its corresponding AMD part.

² This Spanion part operates over the regulated voltage range ($V_{CC} = 3.0\text{-}3.6\text{V}$).

Am29LV320M • Am29LV033M • MBM29PL32TM/BM → S29GL032M

Spanion OPN Breakdown - continued from previous page

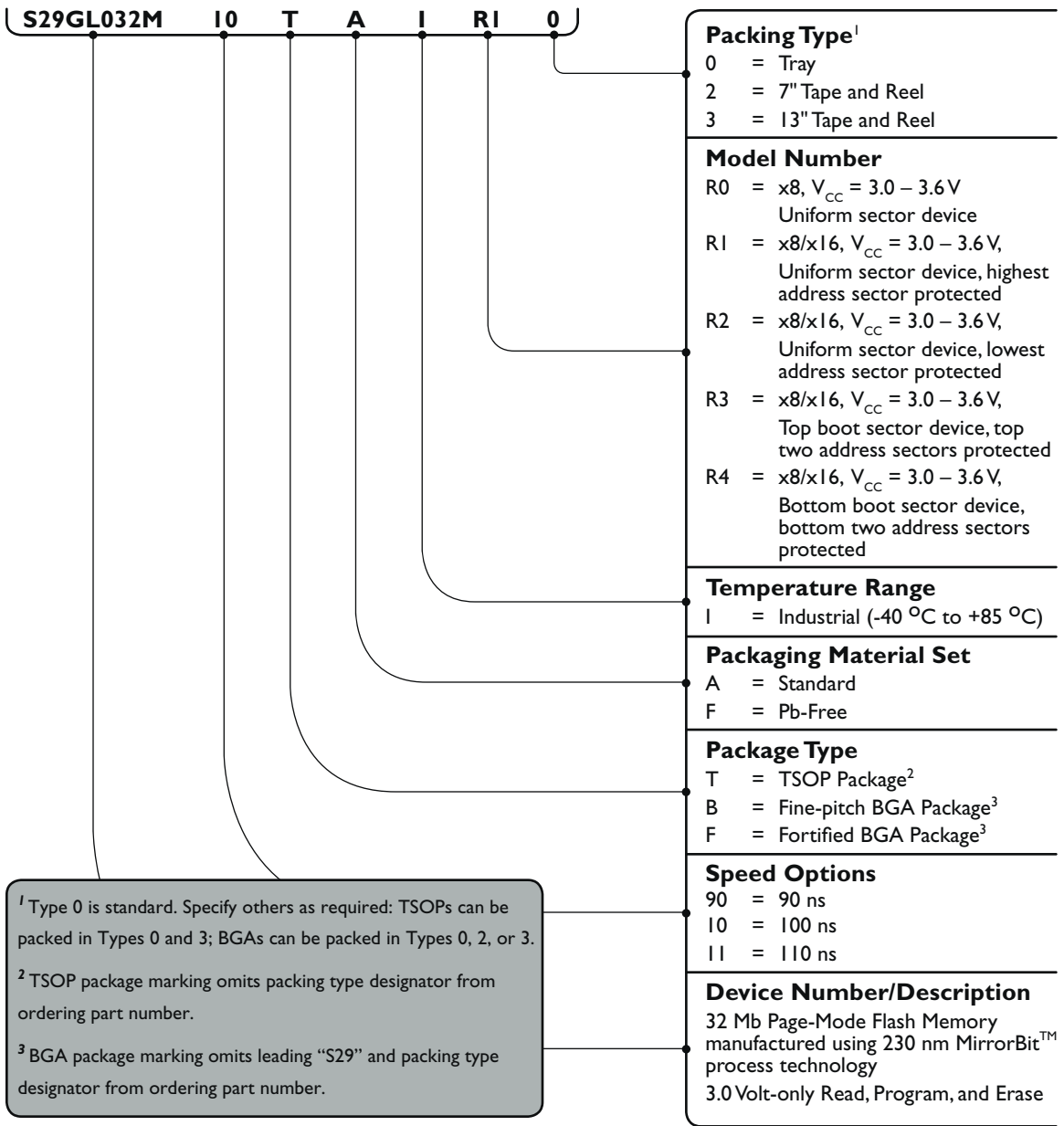
AMD OPN	Spanion Base OPN	Speed Option	Package & Temp	Model Number	Packing Type	Spanion OPN
AM29LV320MB100EI	S29GL032M	10	TAI	R4	0	S29GL032M10TAIR40 ²
AM29LV320MB100EIT	S29GL032M	10	TAI	R4	3	S29GL032M10TAIR43 ²
AM29LV320MH112EI	S29GL032M	11	TAI	R1	0	S29GL032M11TAIR10 ²
AM29LV320MH120EI	S29GL032M	11	TAI	R1	0	S29GL032M11TAIR10 ^{1,2}
AM29LV320ML112EI	S29GL032M	11	TAI	R2	0	S29GL032M11TAIR20 ²
AM29LV320ML120EI	S29GL032M	11	TAI	R2	0	S29GL032M11TAIR20 ^{1,2}
AM29LV320MT100EI	S29GL032M	10	TAI	R3	0	S29GL032M10TAIR30 ²
AM29LV320MT110EI	S29GL032M	11	TAI	R3	0	S29GL032M11TAIR30 ²
AM29LV320MT120EI	S29GL032M	11	TAI	R3	0	S29GL032M11TAIR30 ^{1,2}

¹ This Spanion part has a faster random access speed than its corresponding AMD part.² This Spanion part operates over the regulated voltage range ($V_{CC} = 3.0\text{-}3.6\text{V}$).

Spanion OPN Breakdown

FUJITSU OPN	Spanion Base OPN	Speed Option	Package & Temp	Model Number	Packing Type	Spanion OPN
MBM29PL32TM90TN-K	S29GL032M	90	TAI	R3	0	S29GL032M90TAIR30
MBM29PL32TM90TN-KEI	S29GL032M	90	TFI	R3	0	S29GL032M90TFIR30
MBM29PL32BM90TN-K	S29GL032M	90	TAI	R4	0	S29GL032M90TAIR40
MBM29PL32BM90TN-KEI	S29GL032M	90	TFI	R4	0	S29GL032M90TFIR40
MBM29PL32TM90PBT-J	S29GL032M	90	BAI	R3	0	S29GL032M90BAIR30
MBM29PL32TM90PBT-JEI	S29GL032M	90	BFI	R3	0	S29GL032M90BFIR30
MBM29PL32BM90PBT-J	S29GL032M	90	BAI	R4	0	S29GL032M90BAIR40
MBM29PL32BM90PBT-JEI	S29GL032M	90	BFI	R4	0	S29GL032M90BFIR40

Ordering Information



Am29DL640G/H • MBM29DL640E • MBM29DL64DF (TSOP) → S29JL064H

SpanSION OPN Breakdown

AMD OPN	SpanSION Base OPN	Speed Option	Package & Temp	Model Number	Packing Type	SpanSION OPN
AM29DL640H55EI	S29JL064H	55	TAI	00	0	S29JL064H55TAI000
AM29DL640H60EI	S29JL064H	60	TAI	00	0	S29JL064H60TAI000
AM29DL640H70EI	S29JL064H	70	TAI	00	0	S29JL064H70TAI000
AM29DL640H90EI	S29JL064H	70	TAI	00	0	S29JL064H70TAI000 ¹
AM29DL640H90EIT	S29JL064H	70	TAI	00	2 or 3	S29JL064H70TAI002/3 ¹
AM29DL640G120EI	S29JL064H	70	TAI	00	0	S29JL064H70TAI000 ¹
AM29DL640G70EI	S29JL064H	70	TAI	00	0	S29JL064H70TAI000
AM29DL640G70EIT	S29JL064H	70	TAI	00	2 or 3	S29JL064H70TAI002/3
AM29DL640G90EI	S29JL064H	70	TAI	00	0	S29JL064H70TAI000 ¹
AM29DL640G90EIT	S29JL064H	70	TAI	00	2 or 3	S29JL064H70TAI002/3 ¹

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¹ This SpanSION part has a faster random access speed than its corresponding AMD part.

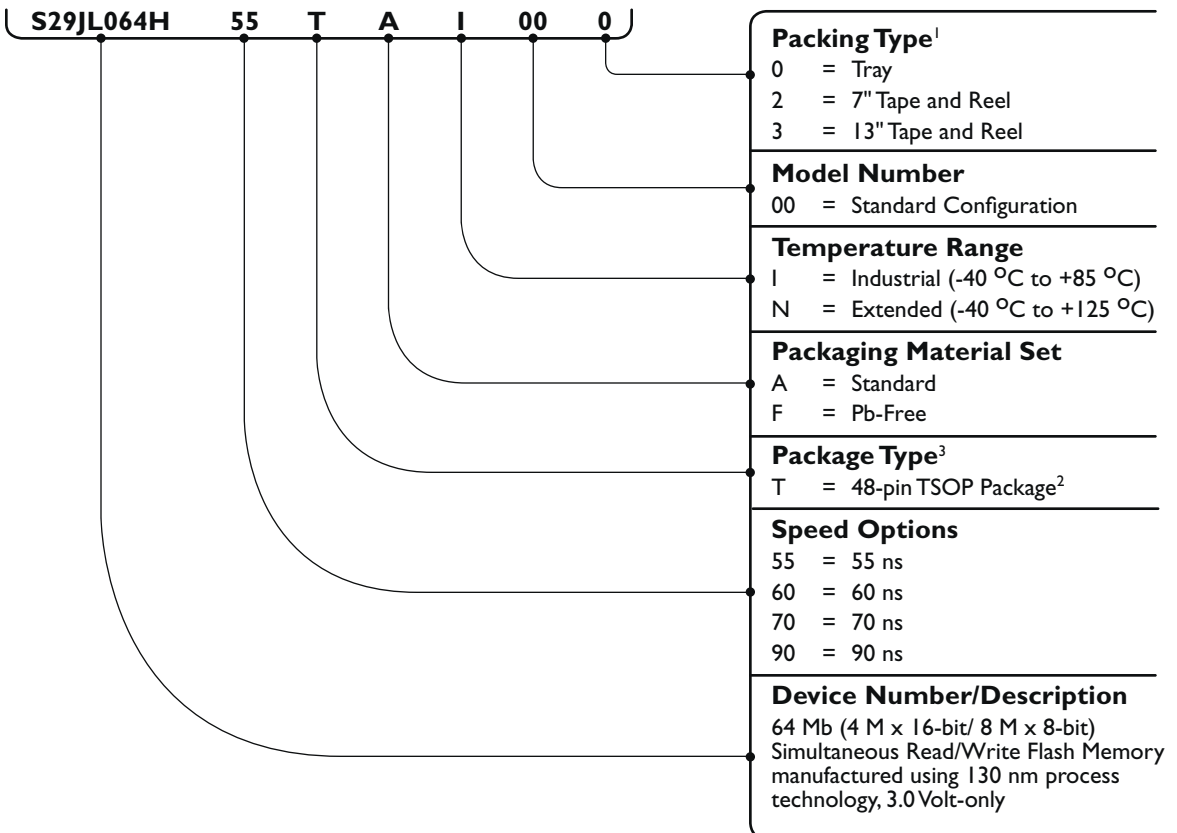
SpanSION OPN Breakdown

FUJITSU OPN	SpanSION Base OPN	Speed Option	Package & Temp	Model Number	Packing Type	SpanSION OPN
MBM29DL640E80TN-K	S29JL064H	70	TAI	00	0	S29JL064H70TAI000
MBM29DL640E80TN-KEI	S29JL064H	70	TFI	00	0	S29JL064H70TFI000
MBM29DL640E90TN-K	S29JL064H	90	TAI	00	0	S29JL064H90TAI000
MBM29DL640E90TN-KEI	S29JL064H	90	TFI	00	0	S29JL064H90TFI000
MBM29DL64DF70TN-K	S29JL064H	70	TAI	00	0	S29JL064H70TAI000
MBM29DL64DF70TN-KEI	S29JL064H	70	TFI	00	0	S29JL064H70TFI000
MBM29DL640E80NC-J	S29JL064H	70	TAI	00	0	S29JL064H70TAI000
MBM29DL640E80NC-JEI	S29JL064H	70	TFI	00	0	S29JL064H70TFI000
MBM29DL640E90NC-J	S29JL064H	90	TAI	00	0	S29JL064H90TAI000
MBM29DL640E90NC-JEI	S29JL064H	90	TFI	00	0	S29JL064H90TFI000

For Fine-pitch BGA (FBGA) designs, SpanSION recommends S29PL064J.

Am29DL640G/H • MBM29DL640E • MBM29DL64DF (TSOP) → S29JL064H

Ordering Information



¹ Type 0 is standard. Specify others as required: TSOPs can be packed in Types 0 and 3; BGAs can be packed in Types 0, 2, or 3.

² TSOP package marking omits packing type designator from ordering part number.

³ For Fine-pitch BGA (FBGA) designs, Spanion recommends S29PL064J.

Am29DL640G/H • MBM29DL640E • MBM29DL64DF (FBGA) → S29PL064J

Spanion OPN Breakdown

AMD OPN	Spanion Base OPN	Speed Option	Package & Temp	Model Number	Packing Type	Spanion OPN
<i>AM29DL640H70WHI</i>	S29PL064J	70	BAI	12	0	<i>S29PL064J70BAI120</i>
<i>AM29DL640H90WHI</i>	S29PL064J	70	BAI	12	0	<i>S29PL064J70BAI120</i> ¹

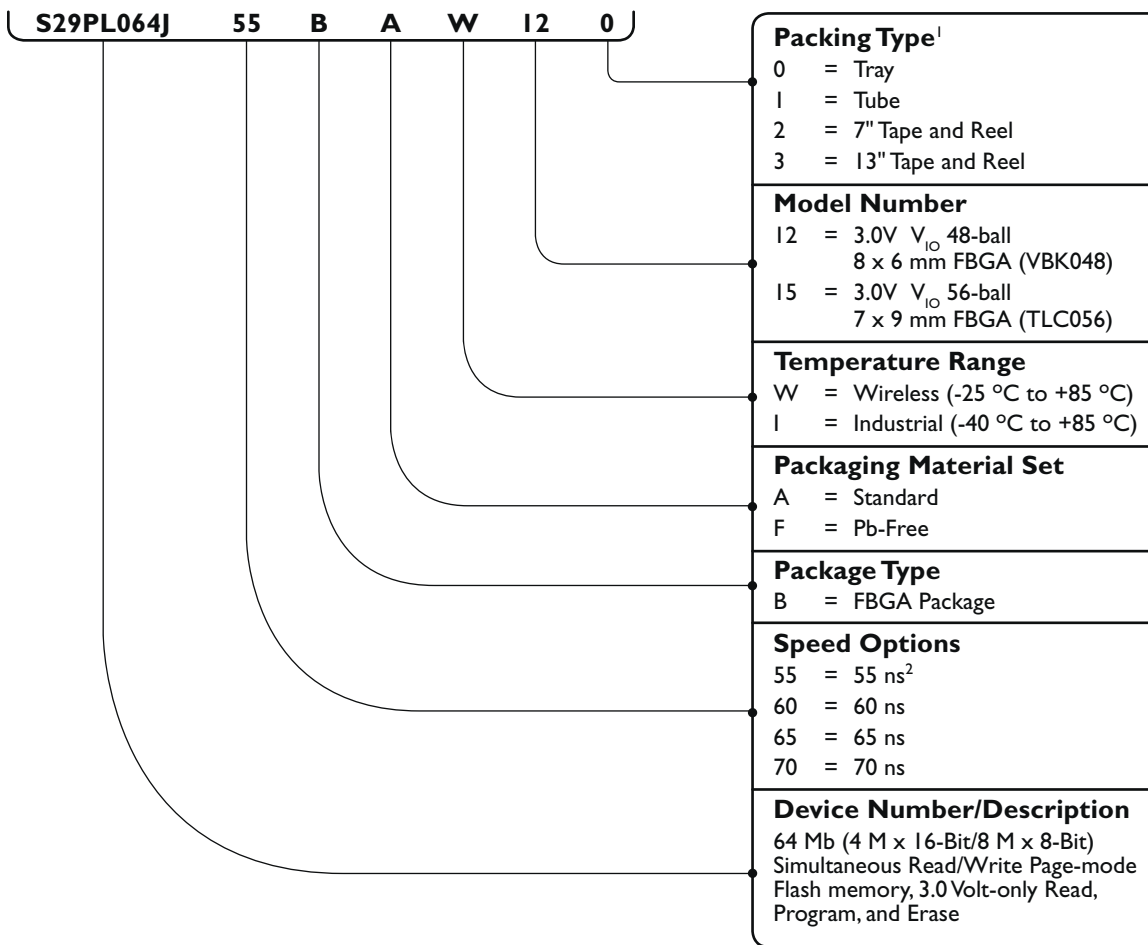
¹ This Spanion part has a faster random access speed than its corresponding AMD part.

Spanion OPN Breakdown

FUJITSU OPN	Spanion Base OPN	Speed Option	Package & Temp	Model Number	Packing Type	Spanion OPN
<i>MBM29DL640E90PBT-J</i>	S29PL064J	70	BAI	12	0	<i>S29PL064J70BAI120</i>
<i>MBM29DL640E90PBT-JE1</i>	S29PL064J	70	BFI	12	0	<i>S29PL064J70BFI120</i>
<i>MBM29DL64DF70PBT-J</i>	S29PL064J	70	BAI	12	0	<i>S29PL064J70BAI120</i>
<i>MBM29DL64DF70PBT-JE1</i>	S29PL064J	70	BFI	12	0	<i>S29PL064J70BFI120</i>

Am29DL640G/H • MBM29DL640E • MBM29DL64DF (FBGA) → S29PL064J

Ordering Information



S29PL064J

¹ Type 0 is standard. Specify others as required: TSOPs can be packed in Types 0 and 3; BGAs can be packed in Types 0, 2, or 3.

² Consult your local Spansion representative for availability of the 55 ns speed option.

Spanion OPN Breakdown

AMD OPN	Spanion Base OPN	Speed Option	Package & Temp	Model Number	Packing Type	Spanion OPN
<i>AM29LV065MU112REI</i>	S29GL064M	11	TAI	R0	0	<i>S29GL064M11TAIR00</i>
<i>AM29LV065MU120REI</i>	S29GL064M	11	TAI	R0	0	<i>S29GL064M11TAIR00¹</i>
<i>AM29LV065MU120RWHI</i>	S29GL064M	11	BAI	R0	0	<i>S29GL064M11BAIR00¹</i>
<i>AM29LV065MU90REI</i>	S29GL064M	90	TAI	R0	0	<i>S29GL064M90TAIR00</i>
<i>AM29LV640MB100REI</i>	S29GL064M	10	TAI	R4	0	<i>S29GL064M10TAIR40</i>
<i>AM29LV640MB100REIT</i>	S29GL064M	10	TAI	R4	3	<i>S29GL064M10TAIR43</i>
<i>AM29LV640MB100RWHI</i>	S29GL064M	10	BAI	R4	0	<i>S29GL064M10BAIR40</i>
<i>AM29LV640MB110REI</i>	S29GL064M	11	TAI	R4	0	<i>S29GL064M11TAIR40</i>
<i>AM29LV640MB110REIT</i>	S29GL064M	11	TAI	R4	3	<i>S29GL064M11TAIR43</i>
<i>AM29LV640MB110RPCI</i>	S29GL064M	11	FAI	R4	0	<i>S29GL064M11FAIR40</i>
<i>AM29LV640MB110RWHI</i>	S29GL064M	11	BAI	R4	0	<i>S29GL064M11BAIR40</i>
<i>AM29LV640MB110RWHIT</i>	S29GL064M	11	BAI	R4	2 or 3	<i>S29GL064M11BAIR42/3</i>
<i>AM29LV640MB120REI</i>	S29GL064M	11	TAI	R4	0	<i>S29GL064M11TAIR40¹</i>
<i>AM29LV640MB120RPCI</i>	S29GL064M	11	FAI	R4	0	<i>S29GL064M11FAIR40¹</i>
<i>AM29LV640MB90REI</i>	S29GL064M	90	TAI	R4	0	<i>S29GL064M90TAIR40</i>
<i>AM29LV640MB90REIT</i>	S29GL064M	90	TAI	R4	3	<i>S29GL064M90TAIR43</i>
<i>AM29LV640MB90RWHI</i>	S29GL064M	90	BAI	R4	0	<i>S29GL064M90BAIR40</i>
<i>AM29LV640MH101REI</i>	S29GL064M	10	TAI	R1	0	<i>S29GL064M10TAIR10</i>
<i>AM29LV640MH101RPCI</i>	S29GL064M	10	FAI	R1	0	<i>S29GL064M10FAIR10</i>
<i>AM29LV640MH112REI</i>	S29GL064M	11	TAI	R1	0	<i>S29GL064M11TAIR10</i>
<i>AM29LV640MH112RPCI</i>	S29GL064M	11	FAI	R1	0	<i>S29GL064M11FAIR10</i>
<i>AM29LV640MH120REI</i>	S29GL064M	11	TAI	R1	0	<i>S29GL064M11TAIR10¹</i>
<i>AM29LV640MH120RPCI</i>	S29GL064M	11	FAI	R1	0	<i>S29GL064M11FAIR10¹</i>
<i>AM29LV640MH90REI</i>	S29GL064M	90	TAI	R1	0	<i>S29GL064M90TAIR10</i>
<i>AM29LV640MH90RPCI</i>	S29GL064M	90	FAI	R1	0	<i>S29GL064M90FAIR10</i>
<i>AM29LV640ML90REIT</i>	S29GL064M	90	TAI	R2	0	<i>S29GL064M90TAIR20</i>
<i>AM29LV640ML90RPCI</i>	S29GL064M	90	FAI	R2	0	<i>S29GL064M90FAIR20</i>
<i>AM29LV640ML90RPCIT</i>	S29GL064M	90	FAI	R2	2 or 3	<i>S29GL064M90FAIR22/3</i>
<i>AM29LV640MT100REI</i>	S29GL064M	10	TAI	R3	0	<i>S29GL064M10TAIR30</i>
<i>AM29LV640MT100RPCI</i>	S29GL064M	10	FAI	R3	0	<i>S29GL064M10FAIR30</i>
<i>AM29LV640MT100RWHI</i>	S29GL064M	10	BAI	R3	0	<i>S29GL064M10BAIR30</i>
<i>AM29LV640MT110REI</i>	S29GL064M	11	TAI	R3	0	<i>S29GL064M11TAIR30</i>

continued on next page

¹ This Spanion part has a faster random access speed than its corresponding AMD part.

Am29LV64xM • Am29LV065M • MBM29PL64LM • MBM29PL65LM → S29GL064M

Spanion OPN Breakdown - continued from previous page

AMD OPN	Spanion Base OPN	Speed Option	Package & Temp	Model Number	Packing Type	Spanion OPN
AM29LV640MT110RPCI	S29GL064M	11	FAI	R3	0	S29GL064M11FAIR30
AM29LV640MT120REI	S29GL064M	11	TAI	R3	0	S29GL064M11TAIR30 ¹
AM29LV640MT120RWHI	S29GL064M	11	BAI	R3	0	S29GL064M11BAIR30 ¹
AM29LV640MT90REI	S29GL064M	90	TAI	R3	0	S29GL064M90TAIR30
AM29LV640MT90RPCI	S29GL064M	90	FAI	R3	0	S29GL064M90FAIR30
AM29LV640MU101RPCI	S29GL064M	10	FAI	R5	0	S29GL064M10FAIR50
AM29LV640MU101RWHI	S29GL064M	10	BAI	R5	0	S29GL064M10BAIR50
AM29LV640MU112RPCI	S29GL064M	11	FAI	R5	0	S29GL064M11FAIR50
AM29LV640MU112RWHI	S29GL064M	11	BAI	R5	0	S29GL064M11BAIR50
AM29LV640MU120RPCI	S29GL064M	11	FAI	R5	0	S29GL064M11FAIR50 ¹
AM29LV640MU120RWHI	S29GL064M	11	BAI	R5	0	S29GL064M11BAIR50 ¹
AM29LV640MU90RPCI	S29GL064M	90	FAI	R5	0	S29GL064M90FAIR50
AM29LV640MU90RWHI	S29GL064M	90	BAI	R5	0	S29GL064M90BAIR50
AM29LV641MH101REI	S29GL064M	10	TAI	R6	0	S29GL064M10TAIR60
AM29LV641MH112REI	S29GL064M	11	TAI	R6	0	S29GL064M11TAIR60
AM29LV641MH120REI	S29GL064M	11	TAI	R6	0	S29GL064M11TAIR60 ¹
AM29LV641MH90REI	S29GL064M	90	TAI	R6	0	S29GL064M90TAIR60
AM29LV641ML101REI	S29GL064M	10	TAI	R7	0	S29GL064M10TAIR70
AM29LV641ML101REIT	S29GL064M	10	TAI	R7	3	S29GL064M10TAIR73
AM29LV641ML112REI	S29GL064M	11	TAI	R7	0	S29GL064M11TAIR70
AM29LV641ML120REI	S29GL064M	11	TAI	R7	0	S29GL064M11TAIR70 ¹
AM29LV641ML90REI	S29GL064M	90	TAI	R7	0	S29GL064M90TAIR70

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¹ This Spanion part has a faster random access speed than its corresponding AMD part.

Am29LV64xM • Am29LV065M • MBM29PL64LM • MBM29PL65LM → S29GL064M

Regulated voltage range S29GL064M OPNs are suggested for the full voltage range Am29LV64xM OPNs listed below. Please contact your Spanion representative regarding specific requirements for full voltage range S29GL064M products.

Spanion OPN Breakdown

AMD OPN	Spanion Base OPN	Speed Option	Package & Temp	Model Number	Packing Type	Spanion OPN
AM29LV640MU101PCI	S29GL064M	10	FAI	R5	0	S29GL064M10FAIR50 ²
AM29LV640MU101WHI	S29GL064M	10	BAI	R5	0	S29GL064M10BAIR50 ²
AM29LV640MU112PCI	S29GL064M	11	FAI	R5	0	S29GL064M11FAIR50 ²
AM29LV640MU112WHI	S29GL064M	11	BAI	R5	0	S29GL064M11BAIR50 ²
AM29LV640MU120PCI	S29GL064M	11	FAI	R5	0	S29GL064M11FAIR50 ^{1,2}
AM29LV640MU120WHI	S29GL064M	11	BAI	R5	0	S29GL064M11BAIR50 ^{1,2}
AM29LV641MH101EI	S29GL064M	10	TAI	R6	0	S29GL064M10TAIR60 ²
AM29LV641MH112EI	S29GL064M	11	TAI	R6	0	S29GL064M11TAIR60 ²
AM29LV641MH120EI	S29GL064M	11	TAI	R6	0	S29GL064M11TAIR60 ^{1,2}
AM29LV641ML101EI	S29GL064M	10	TAI	R7	0	S29GL064M10TAIR70 ²
AM29LV641ML112EI	S29GL064M	11	TAI	R7	0	S29GL064M11TAIR70 ²
AM29LV641ML120EI	S29GL064M	11	TAI	R7	0	S29GL064M11TAIR70 ^{1,2}

¹ This Spanion part has a faster random access speed than its corresponding AMD part.

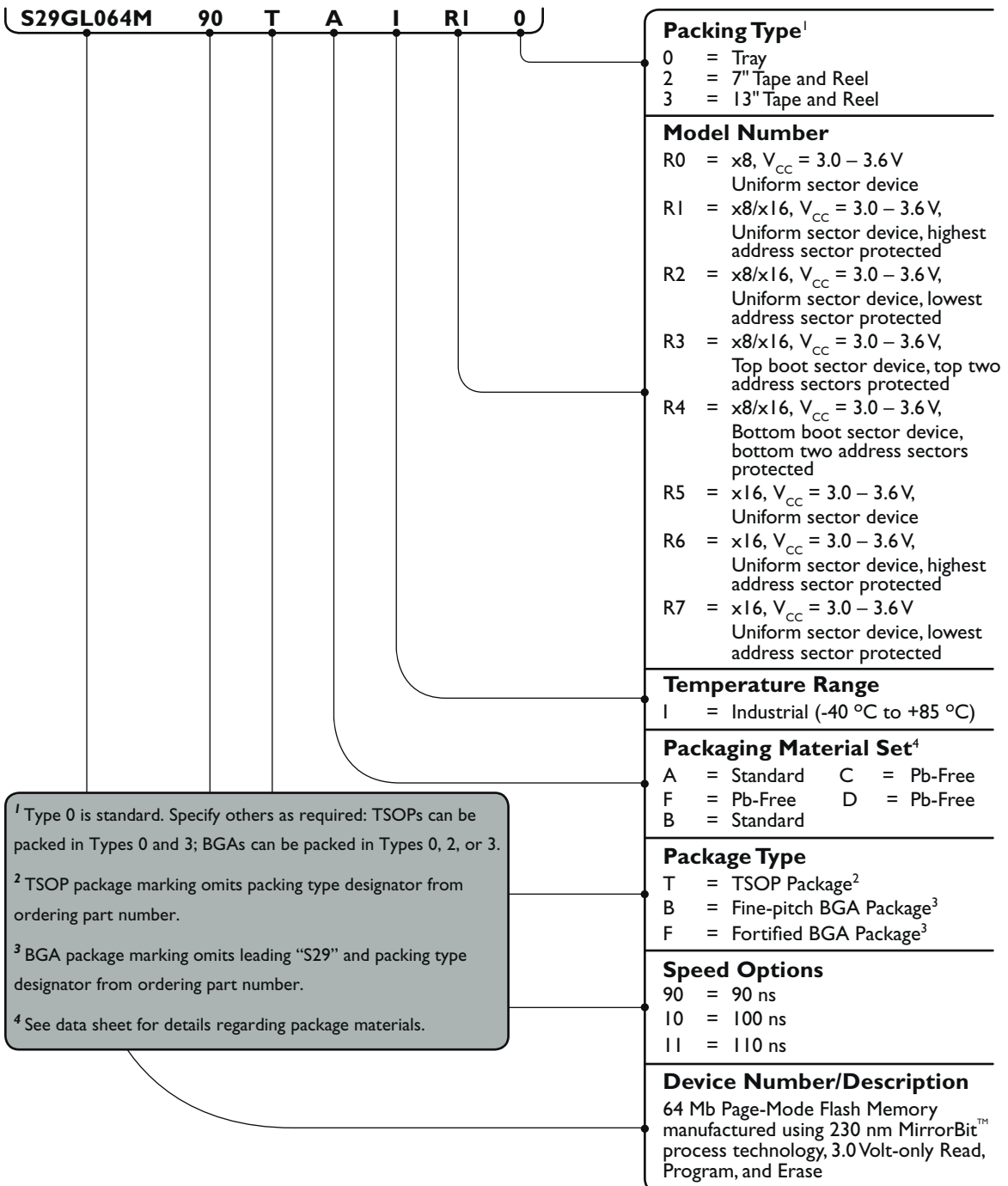
² This Spanion part operates over the regulated voltage range.

Spanion OPN Breakdown

FUJITSU OPN	Spanion Base OPN	Speed Option	Package & Temp	Model Number	Packing Type	Spanion OPN
MBM29PL64LM90TN-K	S29GL064M	90	TAI	R2	0	S29GL064M90TAIR20
MBM29PL64LM90TN-KEI	S29GL064M	90	TFI	R2	0	S29GL064M90TFIR20
MBM29PL64LM10TN-K	S29GL064M	10	TAI	R2	0	S29GL064M10TAIR20
MBM29PL64LM10TN-KEI	S29GL064M	10	TFI	R2	0	S29GL064M10TFIR20
MBM29PL64LM90PCN-K	S29GL064M	90	TAI	R9	0	S29GL064M90TAIR90
MBM29PL64LM90PCN-KEI	S29GL064M	90	TDI	R9	0	S29GL064M90TDIR90
MBM29PL64LM10PCN-K	S29GL064M	10	TAI	R9	0	S29GL064M10TAIR90
MBM29PL64LM10PCN-KEI	S29GL064M	10	TDI	R9	0	S29GL064M10TDIR90
MBM29PL65LM90TN-K	S29GL064M	90	TAI	R7	0	S29GL064M90TAIR70
MBM29PL65LM90TN-KEI	S29GL064M	90	TFI	R7	0	S29GL064M90TFIR70
MBM29PL65LM10TN-K	S29GL064M	10	TAI	R7	0	S29GL064M10TAIR70
MBM29PL65LM10TN-KEI	S29GL064M	10	TFI	R7	0	S29GL064M10TFIR70

Am29LV64xM • Am29LV065M • MBM29PL64LM • MBM29PL65LM → S29GL064M

Ordering Information



Am29LV128M • MBM29PL12LM → S29GL128N

Spanion OPN Breakdown

AMD OPN	Spanion Base OPN	Speed Option	Package & Temp	Model Number	Packing Type	Spanion OPN
<i>AM29LV128MH103REI</i>	S29GL128N	10	TAI	01	0	<i>S29GL128N10TAI010</i>
<i>AM29LV128MH103RFI</i>	S29GL128N	10	TAI	01	0	<i>S29GL128N10TAI010</i>
<i>AM29LV128MH103RPCI</i>	S29GL128N	10	FAI	01	0	<i>S29GL128N10FAI010</i>
<i>AM29LV128MH113REI</i>	S29GL128N	11	TAI	V1	0	<i>S29GL128N11TAIV10</i>
<i>AM29LV128MH113RFI</i>	S29GL128N	11	TAI	V1	0	<i>S29GL128N11TAIV10</i>
<i>AM29LV128MH113RPCI</i>	S29GL128N	11	FAI	01	0	<i>S29GL128N11FAI010</i>
<i>AM29LV128MH123REI</i>	S29GL128N	11	TAI	V1	0	<i>S29GL128N11TAIV10¹</i>
<i>AM29LV128MH123REIT</i>	S29GL128N	11	TAI	V1	2 or 3	<i>S29GL128N11TAIV12/3¹</i>
<i>AM29LV128MH123RPCI</i>	S29GL128N	11	FAI	01	0	<i>S29GL128N11FAI010¹</i>
<i>AM29LV128MH93RPCI</i>	S29GL128N	90	FAI	R1	0	<i>S29GL128N90FAI010</i>
<i>AM29LV128MH93RPCIT</i>	S29GL128N	90	FAI	R1	2 or 3	<i>S29GL128N90FAI012/3</i>
<i>AM29LV128ML103REI</i>	S29GL128N	10	TAI	02	0	<i>S29GL128N10TAI020</i>
<i>AM29LV128ML103RFI</i>	S29GL128N	10	TAI	02	0	<i>S29GL128N10TAI020</i>
<i>AM29LV128ML103RPCI</i>	S29GL128N	10	FAI	02	0	<i>S29GL128N10FAI020</i>
<i>AM29LV128ML113REI</i>	S29GL128N	11	TAI	V2	0	<i>S29GL128N11TAIV20</i>
<i>AM29LV128ML113RFI</i>	S29GL128N	11	TAI	V2	0	<i>S29GL128N11TAIV20</i>
<i>AM29LV128ML113RPCI</i>	S29GL128N	11	FAI	02	0	<i>S29GL128N11FAI020</i>
<i>AM29LV128ML11RPCIT</i>	S29GL128N	11	FAI	02	2 or 3	<i>S29GL128N11FAI022/3</i>
<i>AM29LV128ML123REI</i>	S29GL128N	11	TAI	V2	0	<i>S29GL128N11TAIV20¹</i>
<i>AM29LV128ML123RFI</i>	S29GL128N	11	TAI	V2	0	<i>S29GL128N11TAIV20¹</i>
<i>AM29LV128ML123RPCI</i>	S29GL128N	11	FAI	02	0	<i>S29GL128N11FAI020¹</i>
<i>AM29LV128ML123RPCIT</i>	S29GL128N	11	FAI	02	2 or 3	<i>S29GL128N11FAI022/3¹</i>
<i>AM29LV128ML93RPCI</i>	S29GL128N	90	FAI	R2	0	<i>S29GL128N90FAI020</i>

¹ This Spanion part has a faster random access speed than its corresponding AMD part.

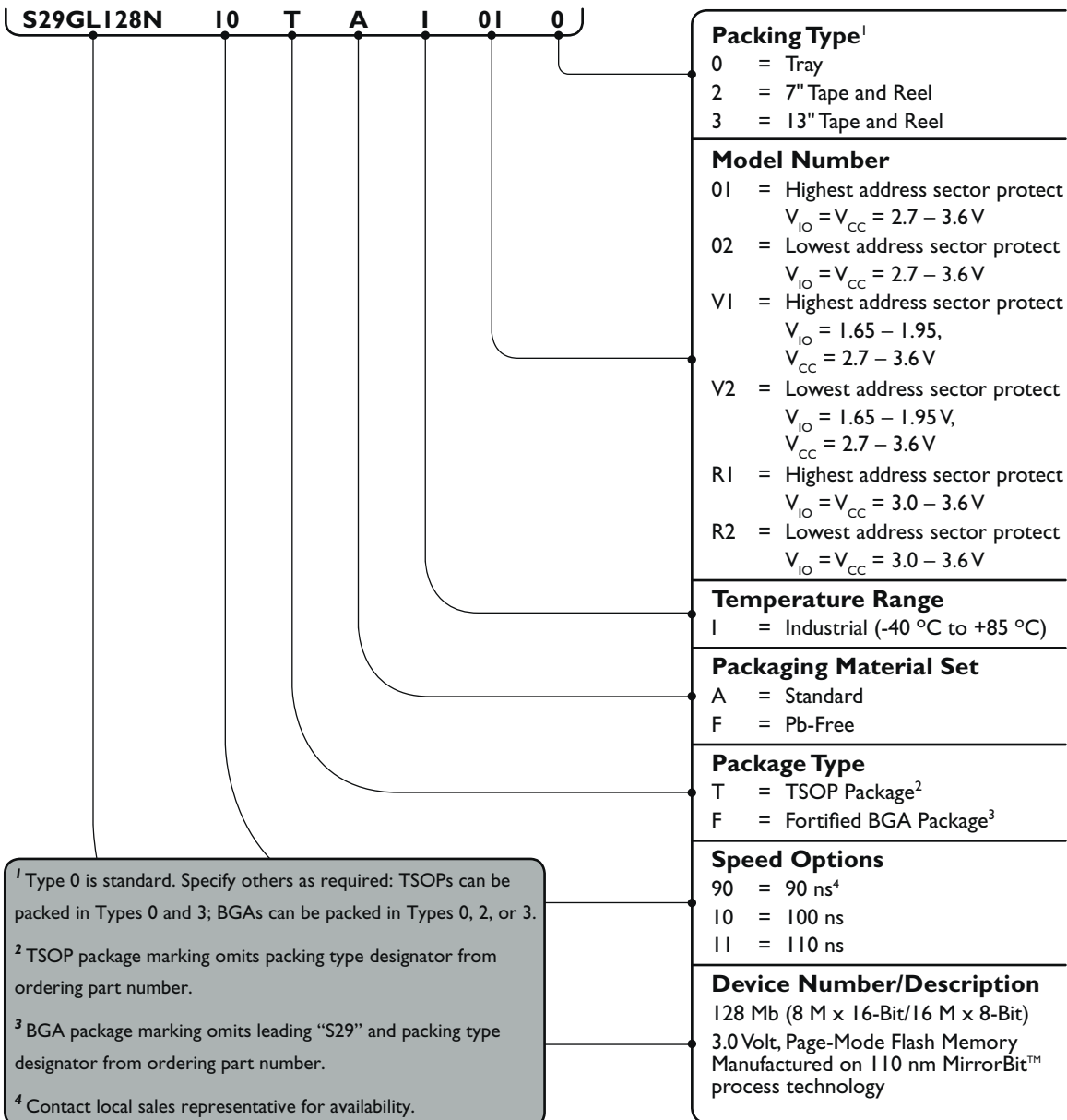
Spanion OPN Breakdown

FUJITSU OPN	Spanion Base OPN	Speed Option	Package & Temp	Model Number	Packing Type	Spanion OPN
<i>MBM29PL12LM10PCN</i>	S29GL128N	10	TAI	01	0	<i>S29GL128N10TAI010</i>
<i>MBM29PL12LM12PCN</i>	S29GL128N	11	TAI	V2	0	<i>S29GL128N11TAIV20¹</i>

¹ This Spanion part has a faster random access speed than its corresponding MBM part.

Am29LV128M • MBM29PL12LM → S29GL128N

Ordering Information



Am29LV256M → S29GL256N

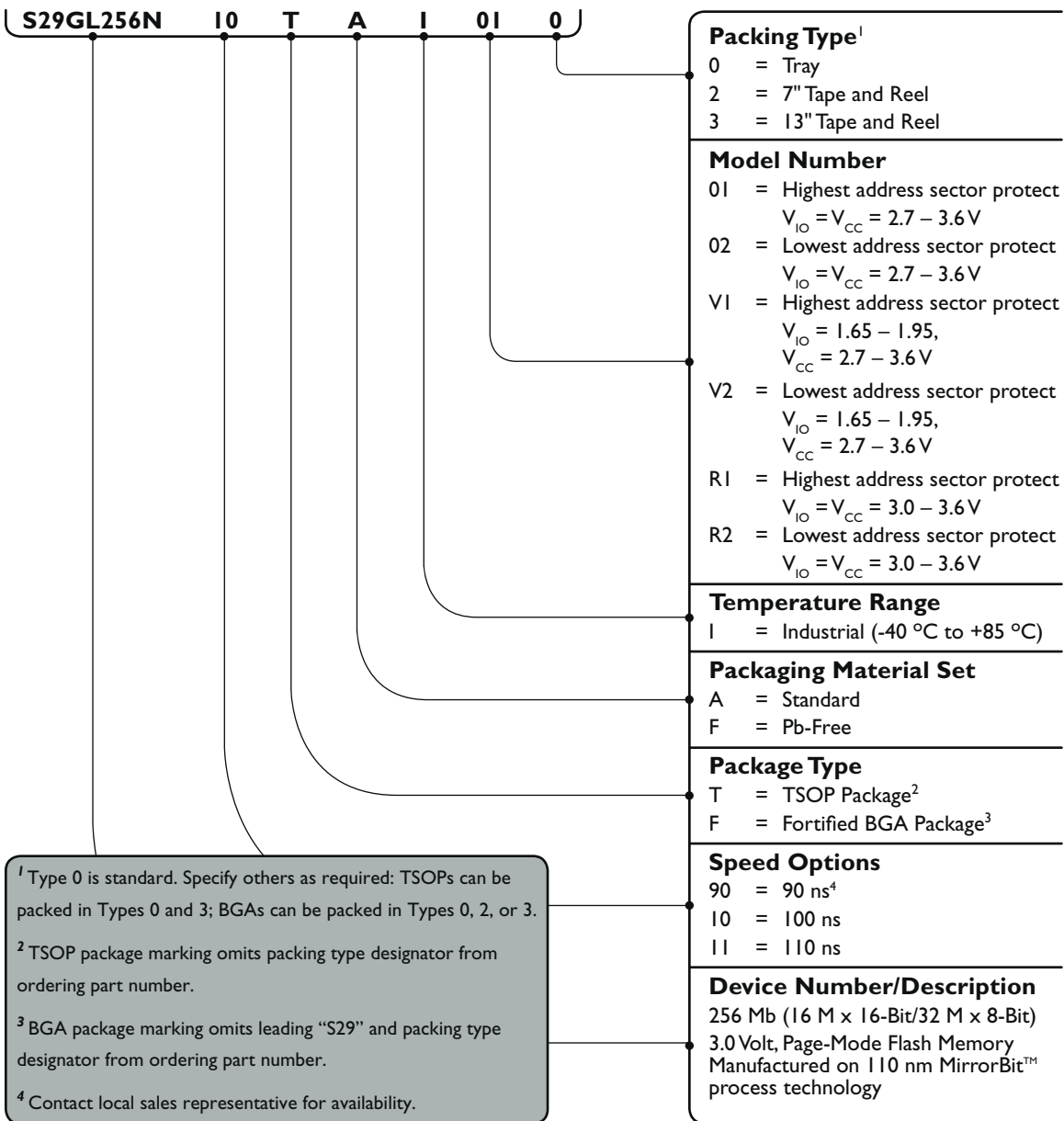
SpanSION OPN Breakdown

AMD OPN	SpanSION Base OPN	Speed Option	Package & Temp	Model Number	Packing Type	SpanSION OPN
<i>AM29LV256MH113REI</i>	S29GL256N	11	TAI	R1	0	<i>S29GL256N11TAIR10</i>
<i>AM29LV256ML113REI</i>	S29GL256N	11	TAI	R2	0	<i>S29GL256N11TAIR20</i>
<i>AM29LV256ML123REI</i>	S29GL256N	11	TAI	R1	0	<i>S29GL256N11TAIR10¹</i>
<i>AM29LV256MH123REI</i>	S29GL256N	11	TAI	R2	0	<i>S29GL256N11TAIR20¹</i>
<i>AM29LV256MH113RPGI</i>	S29GL256N	11	FAI	R1	0	<i>S29GL256N11FAIR10</i>
<i>AM29LV256ML113RPGI</i>	S29GL256N	11	FAI	R2	0	<i>S29GL256N11FAIR20</i>
<i>AM29LV256MH123RPGI</i>	S29GL256N	11	FAI	R1	0	<i>S29GL256N11FAIR10¹</i>
<i>AM29LV256ML123RPGI</i>	S29GL256N	11	FAI	R2	0	<i>S29GL256N11FAIR20¹</i>

¹ This SpanSION part has a faster random access speed than its corresponding AMD part.

Am29LV256M → S29GL256N

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AM29LV400BB-120EC	S29AL004D90TAI020
AM29LV400BB-120ECT	S29AL004D90TAI023
AM29LV400BB-120EI	S29AL004D90TAI020
AM29LV400BB-120EIT	S29AL004D90TAI023
AM29LV400BB-120SC	S29AL004D90MAI021
AM29LV400BB-120SCT	S29AL004D90MAI023
AM29LV400BB-120SI	S29AL004D90MAI021
AM29LV400BB-55REC	S29AL004D55TAIR20
AM29LV400BB-55RECT	S29AL004D55TAIR23
AM29LV400BB-55REI	S29AL004D55TAIR20
AM29LV400BB-55REIT	S29AL004D55TAIR23
AM29LV400BB-55RSC	S29AL004D55MAIR21
AM29LV400BB-55RSI	S29AL004D55MAIR21
AM29LV400BB-70EC	S29AL004D70TAI020
AM29LV400BB-70ECT	S29AL004D70TAI023
AM29LV400BB-70ED	S29AL004D70TFI020
AM29LV400BB-70EF	S29AL004D70TFI020
AM29LV400BB-70EI	S29AL004D70TAI020
AM29LV400BB-70EIT	S29AL004D70TAI023
AM29LV400BB-70SC	S29AL004D70MAI021
AM29LV400BB-70SI	S29AL004D70MAI021
AM29LV400BB-90EC	S29AL004D90TAI020
AM29LV400BB-90ECT	S29AL004D90TAI023
AM29LV400BB-90EI	S29AL004D90TAI020
AM29LV400BB-90EIT	S29AL004D90TAI023
AM29LV400BB-90SC	S29AL004D90MAI021
AM29LV400BB-90SCT	S29AL004D90MAI023
AM29LV400BB-90SI	S29AL004D90MAI021
AM29LV400BT-120EC	S29AL004D90TAI010
AM29LV400BT-120EI	S29AL004D90TAI010
AM29LV400BT-120EIT	S29AL004D90TAI013
AM29LV400BT-120SC	S29AL004D90MAI011
AM29LV400BT-120SCT	S29AL004D90MAI013
AM29LV400BT-120SI	S29AL004D90MAI011
AM29LV400BT-55REC	S29AL004D55TAIR10
AM29LV400BT-55RECT	S29AL004D55TAIR13
AM29LV400BT-55REI	S29AL004D55TAIR10
AM29LV400BT-55RSC	S29AL004D55MAIR11
AM29LV400BT-55RSI	S29AL004D55MAIR11
AM29LV400BT-70EC	S29AL004D70TAI010
AM29LV400BT-70ECT	S29AL004D70TAI013
AM29LV400BT-70EI	S29AL004D70TAI010
AM29LV400BT-70REC	S29AL004D70TAI010
AM29LV400BT-70SC	S29AL004D70MAI011
AM29LV400BT-70SI	S29AL004D70MAI011
AM29LV400BT-80EC	S29AL004D70TAI010
AM29LV400BT-80EI	S29AL004D70TAI010
AM29LV400BT-90EC	S29AL004D90TAI010
AM29LV400BT-90ECT	S29AL004D90TAI013
AM29LV400BT-90EI	S29AL004D90TAI010
AM29LV400BT-90EIT	S29AL004D90TAI013
AM29LV400BT-90SC	S29AL004D90MAI011
AM29LV400BT-90SCT	S29AL004D90MAI013
AM29LV400BT-90SI	S29AL004D90MAI011

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AM29LV800BB-55REI	S29AL008D55TAI020
AM29LV800BB-120EC	S29AL008D90TAI020
AM29LV800BB-120ECT	S29AL008D90TAI023
AM29LV800BB-120EI	S29AL008D90TAI020
AM29LV800BB-120EIT	S29AL008D90TAI023
AM29LV800BB-120SC	S29AL008D90MAI021
AM29LV800BB-120SCT	S29AL008D90MAI023
AM29LV800BB-120SI	S29AL008D90MAI021
AM29LV800BB120SIT	S29AL008D90MAI023
AM29LV800BB-70EC	S29AL008D70TAI020
AM29LV800BB-70ECT	S29AL008D70TAI023
AM29LV800BB-70EI	S29AL008D70TAI020
AM29LV800BB-70EIT	S29AL008D70TAI023
AM29LV800BB-70REC	S29AL008D70TAI020
AM29LV800BB-70REI	S29AL008D70TAI020
AM29LV800BB-70RSC	S29AL008D70MAI021
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AM29LV800BB-70SC	S29AL008D70MAI023
AM29LV800BB-70SCT	S29AL008D70MAI023
AM29LV800BB-70SI	S29AL008D70MAI021
AM29LV800BB-70SIT	S29AL008D70MAI023
AM29LV800BB-70WBC	S29AL008D70BAI020
AM29LV800BB-70WBI	S29AL008D70BAI020
AM29LV800BB-70WBIT	S29AL008D70BAI023
AM29LV800BB-80EC	S29AL008D70TAI020
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AM29LV800BB-90WBCT	S29AL008D90BAI023
AM29LV800BB-90WBI	S29AL008D90BAI020
AM29LV800BB-90WBIT	S29AL008D90BAI023
AM29LV800BT-120EC	S29AL008D90TAI010
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AM29LV800BT-120SCT	S29AL008D90MAI013
AM29LV800BT-120SI	S29AL008D90MAI011
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AM29LV800BT-120WBI	S29AL008D90BAI010
AM29LV800BT-70EC	S29AL008D70TAI010
AM29LV800BT-70ECT	S29AL008D70TAI013
AM29LV800BT-70EI	S29AL008D70TAI010
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AM29LV800BT-70RSI	S29AL008D70MAI011
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AM29LV800BT-70SCT	S29AL008D70MAI013
AM29LV800BT-70SI	S29AL008D70MAI011
AM29LV800BT-70SLT	S29AL008D70MAI013
AM29LV800BT-70WBC	S29AL008D70BAI010
AM29LV800BT-70WBCT	S29AL008D70BAI013
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AM29LV800BT-90WBIT	S29AL008D90BAI013
AM29LV800BT-120WBCT	S29AL008D90BAI013
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AM29LV800DB-120EI	S29AL008D90TAI020
AM29LV800DB-120SC	S29AL008D90MAI021
AM29LV800DB-120WBC	S29AL008D90BAI020
AM29LV800DB-120WBI	S29AL008D90BAI020
AM29LV800DB-70EC	S29AL008D70TAI020
AM29LV800DB-70ECT	S29AL008D70TAI023
AM29LV800DB-70ED	S29AL008D70TFI020
AM29LV800DB-70EF	S29AL008D70TFI020
AM29LV800DB-70EI	S29AL008D70TAI020
AM29LV800DB-70SC	S29AL008D70MAI021
AM29LV800DB-70SI	S29AL008D70MAI021
AM29LV800DB-70WBC	S29AL008D70BAI020
AM29LV800DB-70WBI	S29AL008D70BAI020
AM29LV800DB-90EC	S29AL008D90TAI020
AM29LV800DB-90ECT	S29AL008D90TAI023
AM29LV800DB-90EI	S29AL008D90TAI020
AM29LV800DB-90SC	S29AL008D90MAI021
AM29LV800DB-90WBC	S29AL008D90BAI020
AM29LV800DB-90WBI	S29AL008D90BAI020
AM29LV800DT-120EC	S29AL008D90TAI010
AM29LV800DT-120EI	S29AL008D90TAI010
AM29LV800DT-120SC	S29AL008D90MAI011
AM29LV800DT-120WBC	S29AL008D90BAI010
AM29LV800DT-70EC	S29AL008D70TAI010
AM29LV800DT-70ECT	S29AL008D70TAI013
AM29LV800DT-70EI	S29AL008D70TAI010
AM29LV800DT-70SC	S29AL008D70MAI011
AM29LV800DT-70WBCT	S29AL008D70BAI013
AM29LV800DT-70WBI	S29AL008D70BAI010

AM29LV800DT-90EC	S29AL008D90TAI010
AM29LV800DT-90ECT	S29AL008D90TAI013
AM29LV800DT-90EI	S29AL008D90TAI010
AM29LV800DT-90EIT	S29AL008D90TAI013
AM29LV800DT-90SI	S29AL008D90MAI011
AM29LV800DT-90WBC	S29AL008D90BAI010
AM29LV800DT-90WBI	S29AL008D90BAI010

S29AL016D

AM29LVI60DB120EC	S29AL016D90TAI020
AM29LVI60DB120EI	S29AL016D90TAI020
AM29LVI60DB120WCC	S29AL016D90BAI020
AM29LVI60DB120WCI	S29AL016D90BAI020
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AM29LV128MLI1RPCIT	S29GL128NI1FAI022/3
AM29LV128MLI23REI	S29GL128NI1TAIV20
AM29LV128MLI23RFI	S29GL128NI1TAIV20
AM29LV128MLI23RPCI	S29GL128NI1FAI020
AM29LV128MLI23RPCIT	S29GL128NI1FAI022/3
AM29LV128ML93RPCI	S29GL128N90FAI020
MBM29PLI2LM10PCN	S29GL128NI0TAI010
MBM29PLI2LM12PCN	S29GL128NI1TAIV20

S29GL256N

AM29LV256MHI13REI	S29GL256NI1TAIR10
AM29LV256MLI13REI	S29GL256NI1TAIR20
AM29LV256MLI23REI	S29GL256NI1TAIR10
AM29LV256MHI23REI	S29GL256NI1TAIR20
AM29LV256MHI13RPGI	S29GL256NI1FAIR10
AM29LV256MLI13RPGI	S29GL256NI1FAIR20
AM29LV256MHI23RPGI	S29GL256NI1FAIR10
AM29LV256MLI23RPGI	S29GL256NI1FAIR20



This document is for part number mapping purposes only and does not communicate product changes. Please refer to Spansion advanced change notifications for product changes.

Please consult the data sheets for up-to-date OPN information. Data sheets can be found at www.amd.com in the Flash Memory section of the site.

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