

Cross reference list of devices supported for ULC conversion is not exhaustive as new devices are added regularly. Additional devices not shown in this list, may also be supported. MHS encourages you to contact your local TEMIC sales representative for availability of conversions. MHS reserves the right to make changes to the information contained herein without notice.

Device	ULC Device	Package	Temp
A1010A-PL44C A1010B-PL44C	ULC/A1010	44-PLCC	C
A1010A-PL44I A1010B-PL44I	ULC/A1010	44-PLCC	I
A1010A-1PL44C A1010B-1PL44C	ULC/A1010	44-PLCC	C
A1010A-1PL44I A1010B-1PL44I	ULC/A1010	44-PLCC	I
A1010A-2PL44C A1010B-2PL44C	ULC/A1010	44-PLCC	C
A1010A-2PL44I A1010B-2PL44I	ULC/A1010	44-PLCC	I
A1010A-PL68C A1010B-PL68C	ULC/A1010	68-PLCC	C
A1010A-PL68I A1010B-PL68I	ULC/A1010	68-PLCC	I
A1010A-1PL68C A1010B-1PL68C	ULC/A1010	68-PLCC	C
A1010A-1PL68I A1010B-1PL68I	ULC/A1010	68-PLCC	I
A1010A-2PL68C A1010B-2PL68C	ULC/A1010	68-PLCC	C
A1010A-2PL68I A1010B-2PL68I	ULC/A1010	68-PLCC	I
A1010A-PG84B	ULC/A1010	84-CPGA ^e	/883
A1010A-PG84M	ULC/A1010	84-CPGA ^e	M
A1010A-1PG84B	ULC/A1010	84-CPGA ^e	/883
A1010A-1PG84M	ULC/A1010	84-CPGA ^e	M
A1010A-PQ100C A1010B-PQ100C	ULC/A1010	100-PQFP	C
A1010A-PQ100I A1010B-PQ100I	ULC/A1010	100-PQFP	I
A1010A-1PQ100C A1010B-1PQ100C	ULC/A1010	100-PQFP	C
A1010A-1PQ100I A1010B-1PQ100I	ULC/A1010	100-PQFP	I
A1010A-2PQ100C A1010B-2PQ100C	ULC/A1010	100-PQFP	C
A1010A-2PQ100I A1010B-2PQ100I	ULC/A1010	100-PQFP	I
A1020A-JQ44B	ULC/A1020	44-CLCCJ	/883
A1020A-JQ44M	ULC/A1020	44-CLCCJ	M
A1020A-1JQ44B	ULC/A1020	44-CLCCJ	/883
A1020A-1JQ44M	ULC/A1020	44-CLCCJ	M
A1020A-PL44C A1020B-PL44C	ULC/A1020	44-PLCC	C
A1020A-PL44I A1020B-PL44I	ULC/A1020	44-PLCC	I

Device	ULC Device	Package	Temp
A1020A-1PL44C A1020B-1PL44C	ULC/A1020	44-PLCC	C
A1020A-1PL44I A1020B-1PL44I	ULC/A1020	44-PLCC	I
A1020A-2PL44C A1020B-2PL44C	ULC/A1020	44-PLCC	C
A1020A-2PL44I A1020B-2PL44I	ULC/A1020	44-PLCC	I
A1020A-JQ68B	ULC/A1020	68-CLCCJ	/883
A1020A-JQ68M	ULC/A1020	68-CLCCJ	M
A1020A-1JQ68B	ULC/A1020	68-CLCCJ	/883
A1020A-1JQ68M	ULC/A1020	68-CLCCJ	M
A1020A-PL68C A1020B-PL68C	ULC/A1020	68-PLCC	C
A1020A-PL68I A1020B-PL68I	ULC/A1020	68-PLCC	I
A1020A-1PL68C A1020B-1PL68C	ULC/A1020	68-PLCC	C
A1020A-1PL68I A1020B-1PL68I	ULC/A1020	68-PLCC	I
A1020A-2PL68C A1020B-2PL68C	ULC/A1020	68-PLCC	C
A1020A-2PL68I A1020B-2PL68I	ULC/A1020	68-PLCC	I
A1020A-JQ84B	ULC/A1020	84-CLCCJ	/883
A1020A-JQ84M	ULC/A1020	84-CLCCJ	M
A1020A-1JQ84B	ULC/A1020	84-CLCCJ	/883
A1020A-1JQ84M	ULC/A1020	84-CLCCJ	M
A1020A-PG84B	ULC/A1020	84-CPGA ^e	/883
A1020A-PG84M	ULC/A1020	84-CPGA ^e	M
A1020A-1PG84B	ULC/A1020	84-CPGA ^e	/883
A1020A-1PG84M	ULC/A1020	84-CPGA ^e	M
A1020A-CQ84B	ULC/A1020	84-CQFP	/883
A1020A-CQ84M	ULC/A1020	84-CQFP	M
A1020A-1CQ84B	ULC/A1020	84-CQFP	/883
A1020A-1CQ84M	ULC/A1020	84-CQFP	M
A1020A-PL84C A1020B-PL84C	ULC/A1020	84-PLCC	C
A1020A-PL84I A1020B-PL84I	ULC/A1020	84-PLCC	I
A1020A-1PL84C A1020B-1PL84C	ULC/A1020	84-PLCC	C
A1020A-1PL84I A1020B-1PL84I	ULC/A1020	84-PLCC	I
A1020A-2PL84C A1020B-2PL84C	ULC/A1020	84-PLCC	C

Notes

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- Feasibility required.
- Limitations may apply to RAM size.
- 3.3-V part.
- Confirm availability with TEMIC sales representative.

Temperature Ranges

- C = Commercial (0 to 70°C)
 I = Industrial (-40 to 125°C)
 M = Military (-55 to 125°C)
 /883 = Full MIL-SPEC /883B.

ULC™ Cross-Reference

Device	ULC Device	Package	Temp
A1020A-2PL84I A1020B-2PL84I	ULC/A1020	84-PLCC	I
A1020A-PQ100C A1020B-PQ100C	ULC/A1020	100-PQFP	C
A1020A-PQ100I A1020B-PQ100I	ULC/A1020	100-PQFP	I
A1020A-1PQ100C A1020B-1PQ100C	ULC/A1020	100-PQFP	C
A1020A-1PQ100I A1020B-1PQ100I	ULC/A1020	100-PQFP	I
A1020A-2PQ100C A1020B-2PQ100C	ULC/A1020	100-PQFP	C
A1020A-2PQ100I A1020B-2PQ100I	ULC/A1020	100-PQFP	I
A1225-PL84C A1225A-PL84C	ULC/A1225	84-PLCC	C
A1225-PL84I A1225A-PL84I	ULC/A1225	84-PLCC	I
A1225-1PL84C A1225A-1PL84C	ULC/A1225	84-PLCC	C
A1225-1PL84I A1225A-1PL84I	ULC/A1225	84-PLCC	I
A1225A-2PL84C	ULC/A1225	84-PLCC	C
A1225A-2PL84I	ULC/A1225	84-PLCC	I
A1225-PQ100C A1225A-PQ100C	ULC/A1225	100-PQFP	C
A1225-PQ100I A1225A-PQ100I	ULC/A1225	100-PQFP	I
A1225-PQ100I A1225A-PQ100I	ULC/A1225	100-PQFP	I
A1225-1PQ100C A1225A-1PQ100C	ULC/A1225	100-PQFP	C
A1225-1PQ100I A1225A-1PQ100I	ULC/A1225	100-PQFP	I
A1225A-2PQ100C	ULC/A1225	100-PQFP	C
A1225A-2PQ100I	ULC/A1225	100-PQFP	I
A1240-PL84C A1240A-PL84C	ULC/A1240	84-PLCC	C
A1240-PL84I A1240A-PL84I	ULC/A1240	84-PLCC	I
A1240-1PL84C A1240A-1PL84C	ULC/A1240	84-PLCC	C
A1240-1PL84I A1240A-1PL84I	ULC/A1240	84-PLCC	I
A1240A-2PL84C	ULC/A1240	84-PLCC	C
A1240A-2PL84I	ULC/A1240	84-PLCC	I
A1240-PG132B A1240A-PG132B	ULC/A1240	132-CPGA ^e	/883
A1240-PG132M A1240A-PG132M	ULC/A1240	132-CPGA ^e	M
A1240-1PG132B A1240A-1PG132B	ULC/A1240	132-CPGA ^e	/883
A1240-1PG132M A1240A-1PG132M	ULC/A1240	132-CPGA ^e	M
A1240A-2PG132B	ULC/A1240	132-CPGA ^e	/883
A1240A-2PG132M	ULC/A1240	132-CPGA ^e	M
A1240-PQ144C A1240A-PQ144C	ULC/A1240	144-PQFP	C

Device	ULC Device	Package	Temp
A1240-PQ144I A1240A-PQ144I	ULC/A1240	144-PQFP	I
A1240-1PQ144C A1240A-1PQ144C	ULC/A1240	144-PQFP	C
A1240-1PQ144I A1240A-1PQ144I	ULC/A1240	144-PQFP	I
A1240A-2PQ144C	ULC/A1240	144-PQFP	C
A1240A-2PQ144I	ULC/A1240	144-PQFP	I
A1280-PL84C A1280A-PL84C	ULC/A1280	84-PLCC	C
A1280-PL84I A1280A-PL84I	ULC/A1280	84-PLCC	I
A1280-1PL84C A1280A-1PL84C	ULC/A1280	84-PLCC	C
A1280-1PL84I A1280A-1PL84I	ULC/A1280	84-PLCC	I
A1280A-2PL84C	ULC/A1280	84-PLCC	C
A1280A-2PL84I	ULC/A1280	84-PLCC	I
A1280-PQ160C A1280A-PQ160C	ULC/A1280	160-PQFP	C
A1280-PQ160I A1280A-PQ160I	ULC/A1280	160-PQFP	I
A1280-1PQ160C A1280A-1PQ160C	ULC/A1280	160-PQFP	C
A1280-1PQ160I A1280A-1PQ160I	ULC/A1280	160-PQFP	I
A1280A-2PQ160C	ULC/A1280	160-PQFP	C
A1280A-2PQ160I	ULC/A1280	160-PQFP	I
A1280-PG176B A1280A-PG176B	ULC/A1280	176-CPGA ^e	/883
A1280-PG176M A1280A-PG176M	ULC/A1280	176-CPGA ^e	M
A1280-1PG176B A1280A-1PG176B	ULC/A1280	176-CPGA ^e	/883
A1280-1PG176M A1280A-1PG176M	ULC/A1280	176-CPGA ^e	M
A1280A-2PG176B	ULC/A1280	176-CPGA ^e	/883
A1280A-2PG176M	ULC/A1280	176-CPGA ^e	M
A1415-PL84C	ULC/A1415	84-PLCC	C
A1415-PL84I	ULC/A1415	84-PLCC	I
A1415-1PL84C	ULC/A1415	84-PLCC	C
A1415-1PL84I	ULC/A1415	84-PLCC	I
A1415-PQ100C	ULC/A1415	100-PQFP	C
A1415-PQ100I	ULC/A1415	100-PQFP	I
A1415-1PQ100C	ULC/A1415	100-PQFP	C
A1415-1PQ100I	ULC/A1415	100-PQFP	I
A1415-VQ100C	ULC/A1415	100-VQFP	C
A1415-VQ100I	ULC/A1415	100-VQFP	I
A1415-1VQ100C	ULC/A1415	100-VQFP	C
A1415-1VQ100I	ULC/A1415	100-VQFP	I
A1425-PL84C	ULC/A1425	84-PLCC	C
A1425-PL84I	ULC/A1425	84-PLCC	I
A1425-1PL84C	ULC/A1425	84-PLCC	C
A1425-1PL84I	ULC/A1425	84-PLCC	I
A1425-PQ100C	ULC/A1425	100-PQFP	C

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Device	ULC Device	Package	Temp
A1425-PQ100I	ULC/A1425	100-PQFP	I
A1425-1PQ100C	ULC/A1425	100-PQFP	C
A1425-1PQ100I	ULC/A1425	100-PQFP	I
A1425-VQ100C	ULC/A1425	100-VQFP	C
A1425-VQ100I	ULC/A1425	100-VQFP	I
A1425-1VQ100C	ULC/A1425	100-VQFP	C
A1425-1VQ100I	ULC/A1425	100-VQFP	I
A1425-PQ160C	ULC/A1425	160-PQFP	C
A1425-PQ160I	ULC/A1425	160-PQFP	I
A1425-1PQ160C	ULC/A1425	160-PQFP	C
A1425-1PQ160I	ULC/A1425	160-PQFP	I
A1440-PL84C	ULC/A1440	84-PLCC	C
A1440-PL84I	ULC/A1440	84-PLCC	I
A1440-1PL84C	ULC/A1440	84-PLCC	C
A1440-1PL84I	ULC/A1440	84-PLCC	I
A1440-VQ100C	ULC/A1440	100-VQFP	C
A1440-VQ100I	ULC/A1440	100-VQFP	I
A1440-1VQ100C	ULC/A1440	100-VQFP	C
A1440-1VQ100I	ULC/A1440	100-VQFP	I
A1440-PQ160C	ULC/A1440	160-PQFP	C
A1440-PQ160I	ULC/A1440	160-PQFP	I
A1440-1PQ160C	ULC/A1440	160-PQFP	C
A1440-1PQ160I	ULC/A1440	160-PQFP	I
A1440-TQ176C	ULC/A1440	176-TQFP	C
A1440-TQ176I	ULC/A1440	176-TQFP	I
A1440-1TQ176C	ULC/A1440	176-TQFP	C
A1440-1TQ176I	ULC/A1440	176-TQFP	I
A1460-PQ160C	ULC/A1460	160-PQFP	C
A1460-PQ160I	ULC/A1460	160-PQFP	I
A1460-1PQ160C	ULC/A1460	160-PQFP	C
A1460-1PQ160I	ULC/A1460	160-PQFP	I
A1460-TQ176C	ULC/A1460	176-TQFP	C
A1460-TQ176I	ULC/A1460	176-TQFP	I
A1460-1TQ176C	ULC/A1460	176-TQFP	C
A1460-1TQ176I	ULC/A1460	176-TQFP	I
A1460-PG207B	ULC/A1460	207-CPGA ^e	/883
A1460-PG207M	ULC/A1460	207-CPGA ^e	M
A1460-1PG207B	ULC/A1460	207-CPGA ^e	/883
A1460-1PG207M	ULC/A1460	207-CPGA ^e	M
A1460-PQ208C	ULC/A1460	208-PQFP	C
A1460-PQ208I	ULC/A1460	208-PQFP	I
A1460-1PQ208C	ULC/A1460	208-PQFP	C
A1460-1PQ208I	ULC/A1460	208-PQFP	I
A14100-PQ208C	ULC/A14100	208-PQFP	C
A14100-PQ208I	ULC/A14100	208-PQFP	I
A14100-1PQ208C	ULC/A14100	208-PQFP	C
A14100-1PQ208I	ULC/A14100	208-PQFP	I
A14100-PG257B	ULC/A14100	257-CPGA ^e	/883
A14100-PG257M	ULC/A14100	257-CPGA ^e	M
A14100-1PG257B	ULC/A14100	257-CPGA ^e	/883
A14100-1PG257M	ULC/A14100	257-CPGA ^e	M

Device	ULC Device	Package	Temp
ATT3020-100M68	ULC/ATT3020	68-PLCC	C
ATT3020-100M68I	ULC/ATT3020	68-PLCC	I
ATT3020-125M68	ULC/ATT3020	68-PLCC	C
ATT3020-125M68I	ULC/ATT3020	68-PLCC	I
ATT3020-150M68	ULC/ATT3020	68-PLCC	C
ATT3020-70M68	ULC/ATT3020	68-PLCC	C
ATT3020-70M68I	ULC/ATT3020	68-PLCC	I
ATT3020-100M84	ULC/ATT3020	84-PLCC	C
ATT3020-100M84I	ULC/ATT3020	84-PLCC	I
ATT3020-125M84	ULC/ATT3020	84-PLCC	C
ATT3020-125M84I	ULC/ATT3020	84-PLCC	I
ATT3020-150M84	ULC/ATT3020	84-PLCC	C
ATT3020-70M84	ULC/ATT3020	84-PLCC	C
ATT3020-70M84I	ULC/ATT3020	84-PLCC	I
ATT3020-100J100	ULC/ATT3020	100-PQFP	C
ATT3020-100J100I	ULC/ATT3020	100-PQFP	I
ATT3020-125J100	ULC/ATT3020	100-PQFP	C
ATT3020-125J100I	ULC/ATT3020	100-PQFP	I
ATT3020-150J100	ULC/ATT3020	100-PQFP	C
ATT3020-70J100	ULC/ATT3020	100-PQFP	C
ATT3020-70J100I	ULC/ATT3020	100-PQFP	I
ATT3030-100M44	ULC/ATT3030	44-PLCC	C
ATT3030-100M44I	ULC/ATT3030	44-PLCC	I
ATT3030-125M44	ULC/ATT3030	44-PLCC	C
ATT3030-125M44I	ULC/ATT3030	44-PLCC	I
ATT3030-150M44	ULC/ATT3030	44-PLCC	C
ATT3030-70M44	ULC/ATT3030	44-PLCC	C
ATT3030-70M44I	ULC/ATT3030	44-PLCC	I
ATT3030-100M68	ULC/ATT3030	68-PLCC	C
ATT3030-100M68I	ULC/ATT3030	68-PLCC	I
ATT3030-125M68	ULC/ATT3030	68-PLCC	C
ATT3030-125M68I	ULC/ATT3030	68-PLCC	I
ATT3030-150M68	ULC/ATT3030	68-PLCC	C
ATT3030-70M68	ULC/ATT3030	68-PLCC	C
ATT3030-70M68I	ULC/ATT3030	68-PLCC	I
ATT3030-100M84	ULC/ATT3030	84-PLCC	C
ATT3030-100M84I	ULC/ATT3030	84-PLCC	I
ATT3030-125M84	ULC/ATT3030	84-PLCC	C
ATT3030-125M84I	ULC/ATT3030	84-PLCC	I
ATT3030-150M84	ULC/ATT3030	84-PLCC	C
ATT3030-70M84	ULC/ATT3030	84-PLCC	C
ATT3030-70M84I	ULC/ATT3030	84-PLCC	I
ATT3030-100J100	ULC/ATT3030	100-PQFP	C
ATT3030-100J100I	ULC/ATT3030	100-PQFP	I
ATT3030-125J100	ULC/ATT3030	100-PQFP	C
ATT3030-125J100I	ULC/ATT3030	100-PQFP	I
ATT3030-150J100	ULC/ATT3030	100-PQFP	C
ATT3030-70J100	ULC/ATT3030	100-PQFP	C
ATT3030-70J100I	ULC/ATT3030	100-PQFP	I
ATT3042-100M84	ULC/ATT3042	84-PLCC	C
ATT3042-100M84I	ULC/ATT3042	84-PLCC	I
ATT3042-125M84	ULC/ATT3042	84-PLCC	C
ATT3042-125M84I	ULC/ATT3042	84-PLCC	I

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Device	ULC Device	Package	Temp
ATT3042-150M84 ATT3042-70M84	ULC/ATT3042	84-PLCC	C
ATT3042-70M84I	ULC/ATT3042	84-PLCC	I
ATT3042-100J100	ULC/ATT3042	100-PQFP	C
ATT3042-100J100I	ULC/ATT3042	100-PQFP	I
ATT3042-125J100	ULC/ATT3042	100-PQFP	C
ATT3042-125J100I	ULC/ATT3042	100-PQFP	I
ATT3042-150J100 ATT3042-70J100	ULC/ATT3042	100-PQFP	C
ATT3042-70J100I	ULC/ATT3042	100-PQFP	I
ATT3064-100M84	ULC/ATT3064	84-PLCC	C
ATT3064-100M84I	ULC/ATT3064	84-PLCC	I
ATT3064-125M84	ULC/ATT3064	84-PLCC	C
ATT3064-125M84I	ULC/ATT3064	84-PLCC	I
ATT3064-150M84 ATT3064-70M84	ULC/ATT3064	84-PLCC	C
ATT3064-70M84I	ULC/ATT3064	84-PLCC	I
ATT3064-100J160	ULC/ATT3064	160-PQFP	C
ATT3064-100J160I	ULC/ATT3064	160-PQFP	I
ATT3064-125J160	ULC/ATT3064	160-PQFP	C
ATT3064-125J160I	ULC/ATT3064	160-PQFP	I
ATT3064-150J160 ATT3064-70J160	ULC/ATT3064	160-PQFP	C
ATT3064-70J160I	ULC/ATT3064	160-PQFP	I
ATT3090-100M84	ULC/ATT3090	84-PLCC	C
ATT3090-100M84I	ULC/ATT3090	84-PLCC	I
ATT3090-125M84	ULC/ATT3090	84-PLCC	C
ATT3090-125M84I	ULC/ATT3090	84-PLCC	I
ATT3090-150M84 ATT3090-70M84	ULC/ATT3090	84-PLCC	C
ATT3090-70M84I	ULC/ATT3090	84-PLCC	I
ATT3090-100J160	ULC/ATT3090	160-PQFP	C
ATT3090-100J160I	ULC/ATT3090	160-PQFP	I
ATT3090-125J160	ULC/ATT3090	160-PQFP	C
ATT3090-125J160I	ULC/ATT3090	160-PQFP	I
ATT3090-150J160 ATT3090-70J160	ULC/ATT3090	160-PQFP	C
ATT3090-70J160I	ULC/ATT3090	160-PQFP	I
ATT3090-100H175 ATT3090-100R175	ULC/ATT3090	175-CPGA ^e	C
ATT3090-100H175I ATT3090-100R175I	ULC/ATT3090	175-CPGA ^e	I
ATT3090-125H175 ATT3090-125R175	ULC/ATT3090	175-CPGA ^e	C
ATT3090-125H175I ATT3090-125R175I	ULC/ATT3090	175-CPGA ^e	I
ATT3090-150H175 ATT3090-150R175 ATT3090-70H175 ATT3090-70R175	ULC/ATT3090	175-CPGA ^e	C
ATT3090-70H175I ATT3090-70R175I	ULC/ATT3090	175-CPGA ^e	I
ATT3090-100Q208	ULC/ATT3090	208-PQFP	C
ATT3090-100Q208I	ULC/ATT3090	208-PQFP	I
ATT3090-125Q208	ULC/ATT3090	208-PQFP	C

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ATT3090-125Q208I	ULC/ATT3090	208-PQFP	I
ATT3090-150Q208 ATT3090-70Q208	ULC/ATT3090	208-PQFP	C
ATT3090-70Q208I	ULC/ATT3090	208-PQFP	I
ATT1C03-0M84 ^{b, c}	ULC/ATT1C03	84-PLCC	C
ATT1C03-0M84I ^{b, c}	ULC/ATT1C03	84-PLCC	I
ATT1C03-1M84 ^{b, c}	ULC/ATT1C03	84-PLCC	C
ATT1C03-1M84I ^{b, c}	ULC/ATT1C03	84-PLCC	I
ATT1C03-2M84 ^{b, c}	ULC/ATT1C03	84-PLCC	C
ATT1C03-2M84I ^{b, c}	ULC/ATT1C03	84-PLCC	I
ATT1C03-0T100 ^{b, c}	ULC/ATT1C03	100-TQFP	C
ATT1C03-0T100I ^{b, c}	ULC/ATT1C03	100-TQFP	I
ATT1C03-1T100 ^{b, c}	ULC/ATT1C03	100-TQFP	C
ATT1C03-1T100I ^{b, c}	ULC/ATT1C03	100-TQFP	I
ATT1C03-2T100 ^{b, c}	ULC/ATT1C03	100-TQFP	C
ATT1C03-2T100I ^{b, c}	ULC/ATT1C03	100-TQFP	I
ATT1C03-0F132 ^{b, c}	ULC/ATT1C03	132-BQFP	C
ATT1C03-0F132I ^{b, c}	ULC/ATT1C03	132-BQFP	I
ATT1C03-1F132 ^{b, c}	ULC/ATT1C03	132-BQFP	C
ATT1C03-1F132I ^{b, c}	ULC/ATT1C03	132-BQFP	I
ATT1C03-2F132 ^{b, c}	ULC/ATT1C03	132-BQFP	C
ATT1C03-2F132I ^{b, c}	ULC/ATT1C03	132-BQFP	I
ATT1C03-0S208 ^{b, c}	ULC/ATT1C03	208-PQFP	C
ATT1C03-0S208I ^{b, c}	ULC/ATT1C03	208-PQFP	I
ATT1C03-1S208 ^{b, c}	ULC/ATT1C03	208-PQFP	C
ATT1C03-1S208I ^{b, c}	ULC/ATT1C03	208-PQFP	I
ATT1C03-2S208 ^{b, c}	ULC/ATT1C03	208-PQFP	C
ATT1C03-2S208I ^{b, c}	ULC/ATT1C03	208-PQFP	I
ATT1C05-0M84 ^{b, c}	ULC/ATT1C05	84-PLCC	C
ATT1C05-0M84I ^{b, c}	ULC/ATT1C05	84-PLCC	I
ATT1C05-1M84 ^{b, c}	ULC/ATT1C05	84-PLCC	C
ATT1C05-1M84I ^{b, c}	ULC/ATT1C05	84-PLCC	I
ATT1C05-2M84 ^{b, c}	ULC/ATT1C05	84-PLCC	C
ATT1C05-2M84I ^{b, c}	ULC/ATT1C05	84-PLCC	I
ATT1C05-0T100 ^{b, c}	ULC/ATT1C05	100-TQFP	C
ATT1C05-0T100I ^{b, c}	ULC/ATT1C05	100-TQFP	I
ATT1C05-1T100 ^{b, c}	ULC/ATT1C05	100-TQFP	C
ATT1C05-1T100I ^{b, c}	ULC/ATT1C05	100-TQFP	I
ATT1C05-2T100 ^{b, c}	ULC/ATT1C05	100-TQFP	C
ATT1C05-2T100I ^{b, c}	ULC/ATT1C05	100-TQFP	I
ATT1C05-0F132 ^{b, c}	ULC/ATT1C05	132-BQFP	C
ATT1C05-0F132I ^{b, c}	ULC/ATT1C05	132-BQFP	I
ATT1C05-1F132 ^{b, c}	ULC/ATT1C05	132-BQFP	C
ATT1C05-1F132I ^{b, c}	ULC/ATT1C05	132-BQFP	I
ATT1C05-2F132 ^{b, c}	ULC/ATT1C05	132-BQFP	C
ATT1C05-2F132I ^{b, c}	ULC/ATT1C05	132-BQFP	I
ATT1C05-0S208 ^{b, c}	ULC/ATT1C05	208-PQFP	C
ATT1C05-0S208I ^{b, c}	ULC/ATT1C05	208-PQFP	I
ATT1C05-1S208 ^{b, c}	ULC/ATT1C05	208-PQFP	C
ATT1C05-1S208I ^{b, c}	ULC/ATT1C05	208-PQFP	I
ATT1C05-2S208 ^{b, c}	ULC/ATT1C05	208-PQFP	C

Notes

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- Feasibility required.
- Limitations may apply to RAM size.
- 3.3-V part.
- Confirm availability with TEMIC sales representative.

Temperature Ranges

- C = Commercial (0 to 70°C)
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Device	ULC Device	Package	Temp
ATT1C05-2S2081 ^{b, c}	ULC/ATT1C05	208-PQFP	I
ATT1C05-0S240 ^{b, c}	ULC/ATT1C05	240-PQFP	C
ATT1C05-0S2401 ^{b, c}	ULC/ATT1C05	240-PQFP	I
ATT1C05-1S240 ^{b, c}	ULC/ATT1C05	240-PQFP	C
ATT1C05-1S2401 ^{b, c}	ULC/ATT1C05	240-PQFP	I
ATT1C05-2S240 ^{b, c}	ULC/ATT1C05	240-PQFP	C
ATT1C05-2S2401 ^{b, c}	ULC/ATT1C05	240-PQFP	I
ATT1C07-0S208 ^{b, c}	ULC/ATT1C07	208-PQFP	C
ATT1C07-0S2081 ^{b, c}	ULC/ATT1C07	208-PQFP	I
ATT1C07-1S208 ^{b, c}	ULC/ATT1C07	208-PQFP	C
ATT1C07-1S2081 ^{b, c}	ULC/ATT1C07	208-PQFP	I
ATT1C07-2S208 ^{b, c}	ULC/ATT1C07	208-PQFP	C
ATT1C07-2S2081 ^{b, c}	ULC/ATT1C07	208-PQFP	I
ATT1C07-0S240 ^{b, c}	ULC/ATT1C07	240-PQFP	C
ATT1C07-0S2401 ^{b, c}	ULC/ATT1C07	240-PQFP	I
ATT1C07-1S240 ^{b, c}	ULC/ATT1C07	240-PQFP	C
ATT1C07-1S2401 ^{b, c}	ULC/ATT1C07	240-PQFP	I
ATT1C07-2S240 ^{b, c}	ULC/ATT1C07	240-PQFP	C
CY7C341B-25GM ^b	ULC/EPM5192	84-CPGA ^e	M
CY7C341-25BC ^b	ULC/EPM5192	84-CPGA ^e	C
CY7C341-25B1 ^b	ULC/EPM5192	84-CPGA ^e	I
CY7C341B-15BC ^b	ULC/EPM5192	84-CPGA ^e	C
CY7C341B-15B1 ^b	ULC/EPM5192	84-CPGA ^e	I
CY7C341B-20BC ^b	ULC/EPM5192	84-CPGA ^e	C
CY7C341B-20B1 ^b	ULC/EPM5192	84-CPGA ^e	I
CY7C341-25JC ^b	ULC/EPM5192	84-PLCC	C
CY7C341-25J1 ^b	ULC/EPM5192	84-PLCC	I
CY7C341B-15JC ^b	ULC/EPM5192	84-PLCC	C
CY7C341B-15J1 ^b	ULC/EPM5192	84-PLCC	I
CY7C341B-20JC ^b	ULC/EPM5192	84-PLCC	C
CY7C341B-20J1 ^b	ULC/EPM5192	84-PLCC	I
CY7C342-25GM ^b	ULC/EPM5128	68-CPGA ^e	M
CY7C342B-20GM ^b	ULC/EPM5128	68-CPGA ^e	M
CY7C342-25BC ^b	ULC/EPM5128	68-CPGA ^e	C
CY7C342-25B1 ^b	ULC/EPM5128	68-CPGA ^e	I
CY7C342B-15BC ^b	ULC/EPM5128	68-CPGA ^e	C
CY7C342B-15B1 ^b	ULC/EPM5128	68-CPGA ^e	I
CY7C342B-20BC ^b	ULC/EPM5128	68-CPGA ^e	C
CY7C342B-20B1 ^b	ULC/EPM5128	68-CPGA ^e	I
CY7C342-25JC ^b	ULC/EPM5128	68-PLCC	C
CY7C342-25J1 ^b	ULC/EPM5128	68-PLCC	I
CY7C342B-15JC ^b	ULC/EPM5128	68-PLCC	C
CY7C342B-15J1 ^b	ULC/EPM5128	68-PLCC	I
CY7C342B-20JC ^b	ULC/EPM5128	68-PLCC	C
CY7C342B-20J1 ^b	ULC/EPM5128	68-PLCC	I
CY7C343-25HM ^b	ULC/EPM5064	44-CLCCJ	M
CY7C343-20JC ^b	ULC/EPM5064	44-PLCC	C
CY7C343-20J1 ^b	ULC/EPM5064	44-PLCC	I
CY7C343-25JC ^b	ULC/EPM5064	44-PLCC	C
CY7C343-25J1 ^b	ULC/EPM5064	44-PLCC	I
CY7C344-25DM ^b	ULC/EPM5032	28-CDIP	M

Device	ULC Device	Package	Temp
CY7C344-25HM ^b	ULC/EPM5032	28-CLCCJ	M
CY7C344-20JC ^b	ULC/EPM5032	28-PLCC	C
CY7C344-20J1 ^b	ULC/EPM5032	28-PLCC	I
CY7C344-25JC ^b	ULC/EPM5032	28-PLCC	C
CY7C344-25J1 ^b	ULC/EPM5032	28-PLCC	I
CY7C344-20PC ^b	ULC/EPM5032	28-SDIP	C
CY7C344-20P1 ^b	ULC/EPM5032	28-SDIP	I
CY7C344-25PC ^b	ULC/EPM5032	28-SDIP	C
CY7C344-25P1 ^b	ULC/EPM5032	28-SDIP	I
CY7C381-0JC ^b	ULC/QL8X12	44-PLCC	C
CY7C381-0J1 ^b	ULC/QL8X12	44-PLCC	I
CY7C381-1JC ^b	ULC/QL8X12	44-PLCC	C
CY7C381-1J1 ^b	ULC/QL8X12	44-PLCC	I
CY7C381-2JC ^b	ULC/QL8X12	44-PLCC	C
CY7C381-2J1 ^b	ULC/QL8X12	44-PLCC	I
CY7C382-0GC ^b	ULC/QL8X12	68-CPGA ^e	C
CY7C382-0G1 ^b	ULC/QL8X12	68-CPGA ^e	I
CY7C382-1GC ^b	ULC/QL8X12	68-CPGA ^e	C
CY7C382-1G1 ^b	ULC/QL8X12	68-CPGA ^e	I
CY7C382-2GC ^b	ULC/QL8X12	68-CPGA ^e	C
CY7C382-2G1 ^b	ULC/QL8X12	68-CPGA ^e	I
CY7C382-0JC ^b	ULC/QL8X12	68-PLCC	C
CY7C382-0J1 ^b	ULC/QL8X12	68-PLCC	I
CY7C382-1JC ^b	ULC/QL8X12	68-PLCC	C
CY7C382-1J1 ^b	ULC/QL8X12	68-PLCC	I
CY7C382-2JC ^b	ULC/QL8X12	68-PLCC	C
CY7C382-2J1 ^b	ULC/QL8X12	68-PLCC	I
CY7C382-0C ^b	ULC/QL8X12	100-TQFP	C
CY7C382-01 ^b	ULC/QL8X12	100-TQFP	I
CY7C382-1C ^b	ULC/QL8X12	100-TQFP	C
CY7C382-11 ^b	ULC/QL8X12	100-TQFP	I
CY7C382-2C ^b	ULC/QL8X12	100-TQFP	C
CY7C382-21 ^b	ULC/QL8X12	100-TQFP	I
CY7C383-0GC ^b	ULC/QL12X16	68-CPGA ^e	C
CY7C383-0G1 ^b	ULC/QL12X16	68-CPGA ^e	I
CY7C383-1GC ^b	ULC/QL12X16	68-CPGA ^e	C
CY7C383-1G1 ^b	ULC/QL12X16	68-CPGA ^e	I
CY7C383-2GC ^b	ULC/QL12X16	68-CPGA ^e	C
CY7C383-2G1 ^b	ULC/QL12X16	68-CPGA ^e	I
CY7C383-0JC ^b	ULC/QL12X16	68-PLCC	C
CY7C383-0J1 ^b	ULC/QL12X16	68-PLCC	I
CY7C383-1JC ^b	ULC/QL12X16	68-PLCC	C
CY7C383-1J1 ^b	ULC/QL12X16	68-PLCC	I
CY7C383-2JC ^b	ULC/QL12X16	68-PLCC	C
CY7C383-2J1 ^b	ULC/QL12X16	68-PLCC	I
CY7C384-00C ^b	ULC/QL12X16	84-PLCC	C
CY7C384-001 ^b	ULC/QL12X16	84-PLCC	I
CY7C384-10C ^b	ULC/QL12X16	84-PLCC	C
CY7C384-101 ^b	ULC/QL12X16	84-PLCC	I
CY7C384-20C ^b	ULC/QL12X16	84-PLCC	C
CY7C384-201 ^b	ULC/QL12X16	84-PLCC	I

Notes

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- b. Feasibility required.
- c. Limitations may apply to RAM size.
- d. 3.3-V part.
- e. Confirm availability with TEMIC sales representative.

Temperature Ranges

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- /883 = Full MIL-SPEC /883B.

ULC™ Cross-Reference

Device	ULC Device	Package	Temp
CY7C385-00C ^b	ULC/QL16X24	84-PLCC	C
CY7C385-00I ^b	ULC/QL16X24	84-PLCC	I
CY7C385-10C ^b	ULC/QL16X24	84-PLCC	C
CY7C385-10I ^b	ULC/QL16X24	84-PLCC	I
CY7C385-20C ^b	ULC/QL16X24	84-PLCC	C
CY7C385-20I ^b	ULC/QL16X24	84-PLCC	I
CY7C386-00C ^b	ULC/QL16X24	144-TQFP	C
CY7C386-00I ^b	ULC/QL16X24	144-TQFP	I
CY7C386-10C ^b	ULC/QL16X24	144-TQFP	C
CY7C386-10I ^b	ULC/QL16X24	144-TQFP	I
CY7C386-20C ^b	ULC/QL16X24	144-TQFP	C
CY7C386-20I ^b	ULC/QL16X24	144-TQFP	I
EP220PC-10	ULC/EP220	20-PDIP	C
EP220PC-12 EP220PC-7	ULC/EP220	20-PDIP	C
EP220LC-10 EP220LC-12 EP220LC-7	ULC/EP220	20-PLCC	C
EP224PC-10 EP224PC-12 EP224PC-7	ULC/EP224	24-SDIP	C
EP224LC-10 EP224LC-12 EP224LC-7	ULC/EP224	28-PLCC	C
EP300PC	ULC/EP300	20-PDIP	C
EP310SC	ULC/EP310	20-SOIC	C
EP330PC-12 EP330PC-15	ULC/EP330	20-PDIP	C
EP330LC-12 EP330LC-15	ULC/EP330	20-PLCC	C
EP330SC-12 EP330SC-15	ULC/EP330	20-SOIC	C
EP600PC	ULC/EP600	24-SDIP	C
EP600LC	ULC/EP600	28-PLCC	C
EP610DM-25	ULC/EP610	24-CDIP	M
EP610JM-25	ULC/EP610	24-CLCCJ	M
EP610APC-10 EP610APC-12 EP610PC-15	ULC/EP610	24-SDIP	C
EP610PI-15	ULC/EP610	24-SDIP	I
EP610PC-15T EP610PC-20	ULC/EP610	24-SDIP	C
EP610PI-20	ULC/EP610	24-SDIP	I
EP610PC-20T	ULC/EP610	24-SDIP	C
EP610ASC-10 EP610ASC-12 EP610SC-15	ULC/EP610	24-SOIC	C
EP610SI-15	ULC/EP610	24-SOIC	I
EP610SC-15T EP610SC-20	ULC/EP610	24-SOIC	C
EP610SI-20	ULC/EP610	24-SOIC	I
EP610SC-20T	ULC/EP610	24-SOIC	C
EP610ALC-10 EP610ALC-12 EP610LC-15	ULC/EP610	28-PLCC	C
EP610LI-15	ULC/EP610	28-PLCC	I

Device	ULC Device	Package	Temp
EP610LC-15T EP610LC-20	ULC/EP610	28-PLCC	C
EP610LI-20	ULC/EP610	28-PLCC	I
EP610LC-20T	ULC/EP610	28-PLCC	C
EP630PC-15 EP630PC-20	ULC/EP630	24-SDIP	C
EP630SC-15 EP630SC-20	ULC/EP630	24-SOIC	C
EP630LC-15 EP630LC-20	ULC/EP630	28-PLCC	C
EP900PC	ULC/EP900	40-PDIP	C
EP900LC	ULC/EP900	44-PLCC	C
EP910PM-30	ULC/EP910	40-CDIP	M
EP910APC-15 EP910APC-25 EP910PC-30	ULC/EP910	40-PDIP	C
EP910PI-30	ULC/EP910	40-PDIP	I
EP910PC-30T	ULC/EP910	40-PDIP	C
EP910LM-30	ULC/EP910	44-CLCCJ	M
EP910ALC-15 EP910ALC-25 EP910LC-30	ULC/EP910	44-PLCC	C
EP910LI-30	ULC/EP910	44-PLCC	I
EP910LC-30T	ULC/EP910	44-PLCC	C
EP1800JC EP1800LC	ULC/EP1800	68-PLCC	C
EP1810LM-20 EP1810LM-25	ULC/EP1810	68-CLCCJ	M
EP1810GM-20 EP1810GM-25	ULC/EP1810	68-CPGA ^e	M
EP1810JC-20 EP1810LC-20	ULC/EP1810	68-PLCC	C
EP1810JI-20 EP1810LI-20	ULC/EP1810	68-PLCC	I
EP1810JC-20T EP1810LC-20T EP1810JC-25 EP1810LC-25	ULC/EP1810	68-PLCC	C
EP1810JI-25 EP1810LI-25	ULC/EP1810	68-PLCC	I
EP1810JC-25T EP1810LC-25T	ULC/EP1810	68-PLCC	C
EP1830JC-20 EP1830LC-20 EP1830JC-25 EP1830LC-25	ULC/EP1830	68-PLCC	C
EPF8282LC84-2 ^b EPF8282VLC84-3 ^{b, d} EPF8282LC84-3 ^b EPF8282ALC84-3 ^b EPF8282VLC84-4 ^{b, d} EPF8282AVLC84-4 ^{b, d} EPF8282ALC84-4 ^b EPF8282AVLC84-5 ^{b, d} EPF8282ALC84-5 ^b EPF8282AVLC84-6 ^{b, d}	ULC/EPF8282	84-PLCC	C

Notes

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- 3.3-V part.
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- C = Commercial (0 to 70°C)
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Device	ULC Device	Package	Temp
EPF8282TC100-2 ^b EPF8282VTC100-3 ^{b, d} EPF8282TC100-3 ^b EPF8282ATC100-3 ^b EPF8282VTC100-4 ^{b, d} EPF8282AVTC100-4 ^{b, d} EPF8282ATC100-4 ^b EPF8282AVTC100-5 ^{b, d} EPF8282ATC100-5 ^b EPF8282AVTC100-6 ^{b, d}	ULC/EPF8282	100-TQFP	C
EPF8452LC84-2 ^b EPF8452LC84-3 ^b EPF8452ALC84-3 ^b EPF8452ALC84-4 ^b EPF8452ALC84-5 ^b EPF8452ALC84-6 ^b	ULC/EPF8452	84-PLCC	C
EPF8452PC160-2 ^b EPF8452PC160-3 ^b EPF8452APC160-3 ^b EPF8452APC160-4 ^b EPF8452APC160-5 ^b EPF8452APC160-6 ^b	ULC/EPF8452	160-PQFP	C
EPF8636ALC84-3 ^b EPF8636ALC84-4 ^b EPF8636ALC84-5 ^b EPF8636ALC84-6 ^b	ULC/EPF8636	84-PLCC	C
EPF8636ARC160-3 ^b EPF8636ARC160-4 ^b EPF8636ARC160-5 ^b EPF8636ARC160-6 ^b	ULC/EPF8636	160-PQFP	C
EPF8636ARC208-3 ^b EPF8636ARC208-4 ^b EPF8636ARC208-5 ^b EPF8636ARC208-6 ^b	ULC/EPF8636	208-PQFP	C
EPF8820RC160-2 ^b EPF8820RC160-3 ^b EPF8820ARC160-3 ^b EPF8820ARC160-4 ^b EPF8820ARC160-5 ^b EPF8820ARC160-6 ^b	ULC/EPF8820	160-PQFP	C
EPF8820RC208-2 ^b EPF8820RC208-3 ^b EPF8820ARC208-3 ^b EPF8820ARC208-4 ^b EPF8820ARC208-5 ^b EPF8820ARC208-6 ^b	ULC/EPF8820	208-PQFP	C
EPF81188RC208-2 ^b EPF81188RC208-3 ^b EPF81188ARC208-3 ^b EPF81188ARC208-4 ^b EPF81188ARC208-5 ^b EPF81188ARC208-6 ^b	ULC/EPF81188	208-PQFP	C
EPF81188RC240-2 ^b EPF81188RC240-3 ^b EPF81188ARC240-3 ^b EPF81188ARC240-4 ^b EPF81188ARC240-5 ^b EPF81188ARC240-6 ^b	ULC/EPF81188	240-PQFP	C
EPF81500RC208-2 ^b EPF81500RC208-3 ^b EPF81500ARC208-3 ^b EPF81500ARC208-4 ^b EPF81500ARC208-5 ^b EPF81500ARC208-6 ^b	ULC/EPF81500	208-PQFP	C
EPM5016DM-20	ULC/EPM5016	20-CDIP	M
EPM5016JM-20	ULC/EPM5016	20-CLCCJ	M
EPM5016DC-15 EPM5016PC-15	ULC/EPM5016	20-PDIP	C
EPM5016DI-15 EPM5016PI-15	ULC/EPM5016	20-PDIP	I

Device	ULC Device	Package	Temp
EPM5016DC-17 EPM5016PC-17	ULC/EPM5016	20-PDIP	C
EPM5016DI-17 EPM5016PI-17	ULC/EPM5016	20-PDIP	I
EPM5016DC-20 EPM5016PC-20	ULC/EPM5016	20-PDIP	C
EPM5016DI-20 EPM5016PI-20	ULC/EPM5016	20-PDIP	I
EPM5016JC-15 EPM5016LC-15	ULC/EPM5016	20-PLCC	C
EPM5016JI-15 EPM5016LI-15	ULC/EPM5016	20-PLCC	I
EPM5016JC-17 EPM5016LC-17	ULC/EPM5016	20-PLCC	C
EPM5016JI-17 EPM5016LI-17	ULC/EPM5016	20-PLCC	I
EPM5016JC-20 EPM5016LC-20	ULC/EPM5016	20-PLCC	C
EPM5016JI-20 EPM5016LI-20	ULC/EPM5016	20-PLCC	I
EPM5016SC-15	ULC/EPM5016	20-SOIC	C
EPM5016SI-15	ULC/EPM5016	20-SOIC	I
EPM5016SC-17	ULC/EPM5016	20-SOIC	C
EPM5016SI-17	ULC/EPM5016	20-SOIC	I
EPM5016SC-20	ULC/EPM5016	20-SOIC	C
EPM5016SI-20	ULC/EPM5016	20-SOIC	I
EPM5032DM-25	ULC/EPM5032	28-CDIP	M
EPM5032JM-25	ULC/EPM5032	28-CLCCJ	M
EPM5032JC-15 EPM5032LC-15	ULC/EPM5032	28-PLCC	C
EPM5032JI-15 EPM5032LI-15	ULC/EPM5032	28-PLCC	I
EPM5032JC-17 EPM5032LC-17	ULC/EPM5032	28-PLCC	C
EPM5032JI-17 EPM5032LI-17	ULC/EPM5032	28-PLCC	I
EPM5032JC-20 EPM5032LC-20	ULC/EPM5032	28-PLCC	C
EPM5032JI-20 EPM5032LI-20	ULC/EPM5032	28-PLCC	I
EPM5032JC-25 EPM5032LC-25	ULC/EPM5032	28-PLCC	C
EPM5032JI-25 EPM5032LI-25	ULC/EPM5032	28-PLCC	I
EPM5032DC-15 EPM5032PC-15	ULC/EPM5032	28-SDIP	C
EPM5032DI-15 EPM5032PI-15	ULC/EPM5032	28-SDIP	I
EPM5032DC-17 EPM5032PC-17	ULC/EPM5032	28-SDIP	C
EPM5032DI-17 EPM5032PI-17	ULC/EPM5032	28-SDIP	I
EPM5032DC-20 EPM5032PC-20	ULC/EPM5032	28-SDIP	C
EPM5032DI-20 EPM5032PI-20	ULC/EPM5032	28-SDIP	I
EPM5032DC-25 EPM5032PC-25	ULC/EPM5032	28-SDIP	C

Notes

- ULC may be too fast, check faster PLD.
- Feasibility required.
- Limitations may apply to RAM size.
- 3.3-V part.
- Confirm availability with TEMIC sales representative.

Temperature Ranges

- C = Commercial (0 to 70°C)
I = Industrial (-40 to 125°C)
M = Military (-55 to 125°C)
/883 = Full MIL-SPEC /883B.

ULC™ Cross-Reference

Device	ULC Device	Package	Temp
EPM5032DI-25 EPM5032PI-25	ULC/EPM5032	28-SDIP	I
EPM5032SC-15	ULC/EPM5032	28-SOIC	C
EPM5032SI-15	ULC/EPM5032	28-SOIC	I
EPM5032SC-17	ULC/EPM5032	28-SOIC	C
EPM5032SI-17	ULC/EPM5032	28-SOIC	I
EPM5032SC-20	ULC/EPM5032	28-SOIC	C
EPM5032SI-20	ULC/EPM5032	28-SOIC	I
EPM5032SC-25	ULC/EPM5032	28-SOIC	C
EPM5032SI-25	ULC/EPM5032	28-SOIC	I
EPM5064JM	ULC/EPM5064	44-CLCCJ	M
EPM5064JC-1 EPM5064LC-1	ULC/EPM5064	44-PLCC	C
EPM5064JI-1 EPM5064LI-1	ULC/EPM5064	44-PLCC	I
EPM5064JC-2 EPM5064LC-2	ULC/EPM5064	44-PLCC	C
EPM5064JI-2 EPM5064LI-2	ULC/EPM5064	44-PLCC	I
EPM5064JC EPM5064LC	ULC/EPM5064	44-PLCC	C
EPM5064JI EPM5064LI	ULC/EPM5064	44-PLCC	I
EPM5128JM	ULC/EPM5128	68-CLCCJ	M
EPM5128GM	ULC/EPM5128	68-CPGA ^e	M
EPM5128JC-1 EPM5128LC-1	ULC/EPM5128	68-PLCC	C
EPM5128JI-1 EPM5128LI-1	ULC/EPM5128	68-PLCC	I
EPM5128JC-2 EPM5128LC-2	ULC/EPM5128	68-PLCC	C
EPM5128JI-2 EPM5128LI-2	ULC/EPM5128	68-PLCC	I
EPM5128JC EPM5128LC	ULC/EPM5128	68-PLCC	C
EPM5128JI EPM5128LI	ULC/EPM5128	68-PLCC	I
EPM5130JM	ULC/EPM5130	84-CLCCJ	M
EPM5130JC-1 EPM5130LC-1	ULC/EPM5130	84-PLCC	C
EPM5130JI-1 EPM5130LI-1	ULC/EPM5130	84-PLCC	I
EPM5130JC-2 EPM5130LC-2	ULC/EPM5130	84-PLCC	C
EPM5130JI-2 EPM5130LI-2	ULC/EPM5130	84-PLCC	I
EPM5130JC EPM5130LC	ULC/EPM5130	84-PLCC	C
EPM5130JI EPM5130LI	ULC/EPM5130	84-PLCC	I
EPM5130GM	ULC/EPM5130	100-CPGA ^e	M
EPM5130WM	ULC/EPM5130	100-CQFP	M
EPM5130QC-1 EPM5130WC-1	ULC/EPM5130	100-PQFP	C
EPM5130QI-1 EPM5130WI-1	ULC/EPM5130	100-PQFP	I

Device	ULC Device	Package	Temp
EPM5130QC-2 EPM5130WC-2	ULC/EPM5130	100-PQFP	C
EPM5130QI-2 EPM5130WI-2	ULC/EPM5130	100-PQFP	I
EPM5130QC EPM5130WC	ULC/EPM5130	100-PQFP	C
EPM5130QI EPM5130WI	ULC/EPM5130	100-PQFP	I
EPM5192JM	ULC/EPM5192	84-CLCCJ	M
EPM5192JC-1 EPM5192LC-1	ULC/EPM5192	84-PLCC	C
EPM5192JI-1 EPM5192LI-1	ULC/EPM5192	84-PLCC	I
EPM5192JC-2 EPM5192LC-2	ULC/EPM5192	84-PLCC	C
EPM5192JI-2 EPM5192LI-2	ULC/EPM5192	84-PLCC	I
EPM5192JC EPM5192LC	ULC/EPM5192	84-PLCC	C
EPM5192JI EPM5192LI	ULC/EPM5192	84-PLCC	I
EPM5192GM	ULC/EPM5192	100-CPGA ^e	M
EPM5192WM	ULC/EPM5192	100-CQFP	M
EPM5192QC-1 EPM5192WC-1	ULC/EPM5192	100-PQFP	C
EPM5192QI-1 EPM5192WI-1	ULC/EPM5192	100-PQFP	I
EPM5192QC-2 EPM5192WC-2	ULC/EPM5192	100-PQFP	C
EPM5192QI-2 EPM5192WI-2	ULC/EPM5192	100-PQFP	I
EPM5192QC EPM5192WC	ULC/EPM5192	100-PQFP	C
EPM5192QI EPM5192WI	ULC/EPM5192	100-PQFP	I
EPM7032VLC44-4 ^d	See EPM7032VLC44-20		
EPM7032VLC44-3 ^d	See EPM7032VLC44-15		
EPM7032VLI44-4 ^d	See EPM7032VLI44-20		
EPM7032VLI44-3 ^d	See EPM7032VLI44-15		
EPM7032VLM44-4 ^d	See EPM7032VLM44-20		
EPM7032VLM44-3 ^d	See EPM7032VLM44-15		
EPM7032VQC44-4 ^d	See EPM7032VQC44-20		
EPM7032VQC44-3 ^d	See EPM7032VQC44-15		
EPM7032VQI44-4 ^d	See EPM7032VQI44-20		
EPM7032VQI44-3 ^d	See EPM7032VQI44-15		
EPM7032VQM44-4 ^d	See EPM7032VQM44-20		
EPM7032VQM44-3 ^d	See EPM7032VQM44-15		
EPM7032VTC44-4 ^d	See EPM7032VTC44-20		
EPM7032VTC44-3 ^d	See EPM7032VTC44-15		
EPM7032VTI44-4 ^d	See EPM7032VTI44-20		
EPM7032VTI44-3 ^d	See EPM7032VTI44-15		
EPM7032VTM44-4 ^d	See EPM7032VTM44-20		
EPM7032VTM44-3 ^d	See EPM7032VTM44-15		
EPM7032VLC44-20 ^d EPM7032VLC44-15 ^{b, d}	ULC/EPM7032	44-PLCC	C

Notes

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- Limitations may apply to RAM size.
- 3.3-V part.
- Confirm availability with TEMIC sales representative.

Temperature Ranges

- C = Commercial (0 to 70°C)
 I = Industrial (-40 to 125°C)
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 /883 = Full MIL-SPEC /883B.

Device	ULC Device	Package	Temp
EPM7032VLI44-20 ^d EPM7032VLI44-15 ^{b, d}	ULC/EPM7032	44-PLCC	I
EPM7032VLM44-20 ^d EPM7032VLM44-15 ^{b, d}	ULC/EPM7032	44-PLCC	M
EPM7032VQC44-20 ^d EPM7032VQC44-15 ^{b, d}	ULC/EPM7032	44-PQFP	C
EPM7032VQI44-20 ^d EPM7032VQI44-15 ^{b, d}	ULC/EPM7032	44-PQFP	I
EPM7032VQM44-20 ^d EPM7032VQM44-15 ^{b, d}	ULC/EPM7032	44-PQFP	M
EPM7032VTC44-20 ^d EPM7032VTC44-15 ^{b, d}	ULC/EPM7032	44-TQFP	C
EPM7032VTI44-20 ^d EPM7032VTI44-15 ^{b, d}	ULC/EPM7032	44-TQFP	I
EPM7032VTM44-20 ^d EPM7032VTM44-15 ^{b, d}	ULC/EPM7032	44-TQFP	M
EPM7032LC44-3	See EPM7032LC44-15		
EPM7032LC44-2	See EPM7032LC44-12		
EPM7032LC44-1	See EPM7032LC44-10		
EPM7032LI44-3	See EPM7032LI44-15		
EPM7032LI44-2	See EPM7032LI44-12		
EPM7032LI44-1	See EPM7032LI44-10		
EPM7032LM44-3	See EPM7032LM44-15		
EPM7032LM44-2	See EPM7032LM44-12		
EPM7032LM44-1	See EPM7032LM44-10		
EPM7032QC44-3	See EPM7032QC44-15		
EPM7032QC44-2	See EPM7032QC44-12		
EPM7032QC44-1	See EPM7032QC44-10		
EPM7032QI44-3	See EPM7032QI44-15		
EPM7032QI44-2	See EPM7032QI44-12		
EPM7032QI44-1	See EPM7032QI44-10		
EPM7032QM44-3	See EPM7032QM44-15		
EPM7032QM44-2	See EPM7032QM44-12		
EPM7032QM44-1	See EPM7032QM44-10		
EPM7032TC44-3	See EPM7032TC44-15		
EPM7032TC44-2	See EPM7032TC44-12		
EPM7032TC44-1	See EPM7032TC44-10		
EPM7032TI44-3	See EPM7032TI44-15		
EPM7032TI44-2	See EPM7032TI44-12		
EPM7032TI44-1	See EPM7032TI44-10		
EPM7032TM44-3	See EPM7032TM44-15		
EPM7032TM44-2	See EPM7032TM44-12		
EPM7032TM44-1	See EPM7032TM44-10		
EPM7032LC44-15 EPM7032LC44-12 ^b EPM7032LC44-10 ^b EPM7032LC44-7 ^b	ULC/EPM7032	44-PLCC	C
EPM7032LI44-15 EPM7032LI44-12 ^b EPM7032LI44-10 ^b EPM7032LI44-7 ^b	ULC/EPM7032	44-PLCC	I
EPM7032LM44-15 EPM7032LM44-12 ^b EPM7032LM44-10 ^b EPM7032LM44-7 ^b	ULC/EPM7032	44-PLCC	M

Device	ULC Device	Package	Temp
EPM7032QC44-15 EPM7032QC44-12 ^b EPM7032QC44-10 ^b EPM7032QC44-7 ^b	ULC/EPM7032	44-PQFP	C
EPM7032QI44-15 EPM7032QI44-12 ^b EPM7032QI44-10 ^b EPM7032QI44-7 ^b	ULC/EPM7032	44-PQFP	I
EPM7032QM44-15 EPM7032QM44-12 ^b EPM7032QM44-10 ^b EPM7032QM44-7 ^b	ULC/EPM7032	44-PQFP	M
EPM7032TC44-15 EPM7032TC44-12 ^b EPM7032TC44-10 ^b EPM7032TC44-7 ^b	ULC/EPM7032	44-TQFP	C
EPM7032TI44-15 EPM7032TI44-12 ^b EPM7032TI44-10 ^b EPM7032TI44-7 ^b	ULC/EPM7032	44-TQFP	I
EPM7032TM44-15 EPM7032TM44-12 ^b EPM7032TM44-10 ^b EPM7032TM44-7 ^b	ULC/EPM7032	44-TQFP	M
EPM7064LC68-3	See EPM7064LC68-15		
EPM7064LC68-2	See EPM7064LC68-12		
EPM7064LC68-1	See EPM7064LC68-10		
EPM7064LI68-3	See EPM7064LI68-15		
EPM7064LI68-2	See EPM7064LI68-12		
EPM7064LI68-1	See EPM7064LI68-10		
EPM7064LM68-3	See EPM7064LM68-15		
EPM7064LM68-2	See EPM7064LM68-12		
EPM7064LM68-1	See EPM7064LM68-10		
EPM7064LC84-3	See EPM7064LC84-15		
EPM7064LC84-2	See EPM7064LC84-12		
EPM7064LC84-1	See EPM7064LC84-10		
EPM7064LI84-3	See EPM7064LI84-15		
EPM7064LI84-2	See EPM7064LI84-12		
EPM7064LI84-1	See EPM7064LI84-10		
EPM7064LM84-3	See EPM7064LM84-15		
EPM7064LM84-2	See EPM7064LM84-12		
EPM7064LM84-1	See EPM7064LM84-10		
EPM7064QC100-3	See EPM7064QC100-15		
EPM7064QC100-2	See EPM7064QC100-12		
EPM7064QC100-1	See EPM7064QC100-10		
EPM7064QI100-3	See EPM7064QI100-15		
EPM7064QI100-2	See EPM7064QI100-12		
EPM7064QI100-1	See EPM7064QI100-10		
EPM7064QM100-3	See EPM7064QM100-15		
EPM7064QM100-2	See EPM7064QM100-12		
EPM7064QM100-1	See EPM7064QM100-10		
EPM7064LC68-15 ^b EPM7064LC68-12 ^b EPM7064LC68-10 ^b	ULC/EPM7064	68-PLCC	C
EPM7064LI68-15 ^b EPM7064LI68-12 ^b EPM7064LI68-10 ^b	ULC/EPM7064	68-PLCC	I

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ULC™ Cross-Reference

Device	ULC Device	Package	Temp
EPM7064LM68-15 ^b EPM7064LM68-12 ^b EPM7064LM68-10 ^b	ULC/EPM7064	68-PLCC	M
EPM7064LC84-15 ^b EPM7064LC84-12 ^b EPM7064LC84-10 ^b	ULC/EPM7064	84-PLCC	C
EPM7064LI84-15 ^b EPM7064LI84-12 ^b EPM7064LI84-10 ^b	ULC/EPM7064	84-PLCC	I
EPM7064LM84-15 ^b EPM7064LM84-12 ^b EPM7064LM84-10 ^b	ULC/EPM7064	84-PLCC	M
EPM7064QC100-15 ^b EPM7064QC100-12 ^b EPM7064QC100-10 ^b	ULC/EPM7064	100-PQFP	C
EPM7064QI100-15 ^b EPM7064QI100-12 ^b EPM7064QI100-10 ^b	ULC/EPM7064	100-PQFP	I
EPM7064QM100-15 ^b EPM7064QM100-12 ^b EPM7064QM100-10 ^b	ULC/EPM7064	100-PQFP	M
EPM7096LC68	See EPM7096LC68-25		
EPM7096LC68-3	See EPM7096LC68-20		
EPM7096LC68-2	See EPM7096LC68-15		
EPM7096LI68	See EPM7096LI68-25		
EPM7096LI68-3	See EPM7096LI68-20		
EPM7096LI68-2	See EPM7096LI68-15		
EPM7096LM68	See EPM7096LM68-25		
EPM7096LM68-3	See EPM7096LM68-20		
EPM7096LM68-2	See EPM7096LM68-15		
EPM7096LC84	See EPM7096LC84-25		
EPM7096LC84-3	See EPM7096LC84-20		
EPM7096LC84-2	See EPM7096LC84-15		
EPM7096LI84	See EPM7096LI84-25		
EPM7096LI84-3	See EPM7096LI84-20		
EPM7096LI84-2	See EPM7096LI84-15		
EPM7096LM84	See EPM7096LM84-25		
EPM7096LM84-3	See EPM7096LM84-20		
EPM7096LM84-2	See EPM7096LM84-15		
EPM7096QC100	See EPM7096QC100-25		
EPM7096QC100-3	See EPM7096QC100-20		
EPM7096QC100-2	See EPM7096QC100-15		
EPM7096QI100	See EPM7096QI100-25		
EPM7096QI100-3	See EPM7096QI100-20		
EPM7096QI100-2	See EPM7096QI100-15		
EPM7096QM100	See EPM7096QM100-25		
EPM7096QM100-3	See EPM7096QM100-20		
EPM7096QM100-2	See EPM7096QM100-15		
EPM7096LC68-25 EPM7096LC68-20 EPM7096LC68-15 ^b	ULC/EPM7096	68-PLCC	C
EPM7096LI68-25 EPM7096LI68-20 EPM7096LI68-15 ^b	ULC/EPM7096	68-PLCC	I
EPM7096LM68-25 EPM7096LM68-20 EPM7096LM68-15 ^b	ULC/EPM7096	68-PLCC	M

Device	ULC Device	Package	Temp
EPM7096LC84-25 EPM7096LC84-20 EPM7096LC84-15 ^b	ULC/EPM7096	84-PLCC	C
EPM7096LI84-25 EPM7096LI84-20 EPM7096LI84-15 ^b	ULC/EPM7096	84-PLCC	I
EPM7096LM84-25 EPM7096LM84-20 EPM7096LM84-15 ^b	ULC/EPM7096	84-PLCC	M
EPM7096QC100-25 EPM7096QC100-20 EPM7096QC100-15 ^b	ULC/EPM7096	100-PQFP	C
EPM7096QI100-25 EPM7096QI100-20 EPM7096QI100-15 ^b	ULC/EPM7096	100-PQFP	I
EPM7096QM100-25 EPM7096QM100-20 EPM7096QM100-15 ^b	ULC/EPM7096	100-PQFP	M
EPM7096JC68	See EPM7096JC68-25		
EPM7096JC68-3	See EPM7096JC68-20		
EPM7096JC68-2	See EPM7096JC68-15		
EPM7096JI68	See EPM7096JI68-25		
EPM7096JI68-3	See EPM7096JI68-20		
EPM7096JI68-2	See EPM7096JI68-15		
EPM7096JM68	See EPM7096JM68-25		
EPM7096JM68-3	See EPM7096JM68-20		
EPM7096JM68-2	See EPM7096JM68-15		
EPM7096JC84	See EPM7096JC84-25		
EPM7096JC84-3	See EPM7096JC84-20		
EPM7096JC84-2	See EPM7096JC84-15		
EPM7096JI84	See EPM7096JI84-25		
EPM7096JI84-3	See EPM7096JI84-20		
EPM7096JI84-2	See EPM7096JI84-15		
EPM7096JM84	See EPM7096JM84-25		
EPM7096JM84-3	See EPM7096JM84-20		
EPM7096JM84-2	See EPM7096JM84-15		
EPM7096JM68-25 EPM7096JM68-20 EPM7096JM68-15	ULC/EPM7096	68-CLCCJ	M
EPM7096JM84-25 EPM7096JM84-20 EPM7096JM84-15	ULC/EPM7096	84-CLCCJ	M
EPM7128LC84-4	See EPM7128LC84-20		
EPM7128LC84-3	See EPM7128LC84-15		
EPM7128LC84-2	See EPM7128LC84-12		
EPM7128LC84-1	See EPM7128LC84-10		
EPM7128LI84-4	See EPM7128LI84-20		
EPM7128LI84-3	See EPM7128LI84-15		
EPM7128LI84-2	See EPM7128LI84-12		
EPM7128LI84-1	See EPM7128LI84-10		
EPM7128LM84-4	See EPM7128LM84-20		
EPM7128LM84-3	See EPM7128LM84-15		
EPM7128LM84-2	See EPM7128LM84-12		
EPM7128LM84-1	See EPM7128LM84-10		
EPM7128QC100-4	See EPM7128QC100-20		
EPM7128QC100-3	See EPM7128QC100-15		

Notes

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- 3.3-V part.
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Device	ULC Device	Package	Temp
EPM7128QC100-2	See EPM7128QC100-12		
EPM7128QC100-1	See EPM7128QC100-10		
EPM7128QI100-4	See EPM7128QI100-20		
EPM7128QI100-3	See EPM7128QI100-15		
EPM7128QI100-2	See EPM7128QI100-12		
EPM7128QI100-1	See EPM7128QI100-10		
EPM7128QM100-4	See EPM7128QM100-20		
EPM7128QM100-3	See EPM7128QM100-15		
EPM7128QM100-2	See EPM7128QM100-12		
EPM7128QM100-1	See EPM7128QM100-10		
EPM7128QC160-4	See EPM7128QC160-20		
EPM7128QC160-3	See EPM7128QC160-15		
EPM7128QC160-2	See EPM7128QC160-12		
EPM7128QC160-1	See EPM7128QC160-10		
EPM7128QI160-4	See EPM7128QI160-20		
EPM7128QI160-3	See EPM7128QI160-15		
EPM7128QI160-2	See EPM7128QI160-12		
EPM7128QI160-1	See EPM7128QI160-10		
EPM7128QM160-4	See EPM7128QM160-20		
EPM7128QM160-3	See EPM7128QM160-15		
EPM7128QM160-2	See EPM7128QM160-12		
EPM7128QM160-1	See EPM7128QM160-10		
EPM7128ELC84-20 EPM7128ELC84-15 ^b EPM7128ELC84-12 ^b EPM7128ELC84-10 ^b	ULC/EPM7128	84-PLCC	C
EPM7128ELI84-20 EPM7128ELI84-15 ^b EPM7128ELI84-12 ^b EPM7128ELI84-10 ^b	ULC/EPM7128	84-PLCC	I
EPM7128ELM84-20 EPM7128ELM84-15 ^b EPM7128ELM84-12 ^b EPM7128ELM84-10 ^b	ULC/EPM7128	84-PLCC	M
EPM7128EQC100-20 EPM7128EQC100-15 ^b EPM7128EQC100-12 ^b EPM7128EQC100-10 ^b	ULC/EPM7128	100-PQFP	C
EPM7128EQI100-20 EPM7128EQI100-15 ^b EPM7128EQI100-12 ^b EPM7128EQI100-10 ^b	ULC/EPM7128	100-PQFP	I
EPM7128EQM100-20 EPM7128EQM100-15 ^b EPM7128EQM100-12 ^b EPM7128EQM100-10 ^b	ULC/EPM7128	100-PQFP	M
EPM7128EQC160-20 EPM7128EQC160-15 ^b EPM7128EQC160-12 ^b EPM7128EQC160-10 ^b	ULC/EPM7128	160-PQFP	C
EPM7128EQI160-20 EPM7128EQI160-15 ^b EPM7128EQI160-12 ^b EPM7128EQI160-10 ^b	ULC/EPM7128	160-PQFP	I
EPM7128EQM160-20 EPM7128EQM160-15 ^b EPM7128EQM160-12 ^b EPM7128EQM160-10 ^b	ULC/EPM7128	160-PQFP	M
EPM7160LC84-3	See EPM7160LC84-20		

Device	ULC Device	Package	Temp
EPM7160LC84-2	See EPM7160LC84-15		
EPM7160LC84-1	See EPM7160LC84-12		
EPM7160LI84-3	See EPM7160LI84-20		
EPM7160LI84-2	See EPM7160LI84-15		
EPM7160LI84-1	See EPM7160LI84-12		
EPM7160LM84-3	See EPM7160LM84-20		
EPM7160LM84-2	See EPM7160LM84-15		
EPM7160LM84-1	See EPM7160LM84-12		
EPM7160QC100-3	See EPM7160QC100-20		
EPM7160QC100-2	See EPM7160QC100-15		
EPM7160QC100-1	See EPM7160QC100-12		
EPM7160QI100-3	See EPM7160QI100-20		
EPM7160QI100-2	See EPM7160QI100-15		
EPM7160QI100-1	See EPM7160QI100-12		
EPM7160QM100-3	See EPM7160QM100-20		
EPM7160QM100-2	See EPM7160QM100-15		
EPM7160QM100-1	See EPM7160QM100-12		
EPM7160QC160-3	See EPM7160QC160-20		
EPM7160QC160-2	See EPM7160QC160-15		
EPM7160QC160-1	See EPM7160QC160-12		
EPM7160QI160-3	See EPM7160QI160-20		
EPM7160QI160-2	See EPM7160QI160-15		
EPM7160QI160-1	See EPM7160QI160-12		
EPM7160QM160-3	See EPM7160QM160-20		
EPM7160QM160-2	See EPM7160QM160-15		
EPM7160QM160-1	See EPM7160QM160-12		
EPM7160ELC84-20 EPM7160ELC84-15 ^b EPM7160ELC84-12 ^b	ULC/EPM7160	84-PLCC	C
EPM7160ELI84-20 EPM7160ELI84-15 ^b EPM7160ELI84-12 ^b	ULC/EPM7160	84-PLCC	I
EPM7160ELM84-20 EPM7160ELM84-15 ^b EPM7160ELM84-12 ^b	ULC/EPM7160	84-PLCC	M
EPM7160EQC100-20 EPM7160EQC100-15 ^b EPM7160EQC100-12 ^b	ULC/EPM7160	100-PQFP	C
EPM7160EQI100-20 EPM7160EQI100-15 ^b EPM7160EQI100-12 ^b	ULC/EPM7160	100-PQFP	I
EPM7160EQM100-20 EPM7160EQM100-15 ^b EPM7160EQM100-12 ^b	ULC/EPM7160	100-PQFP	M
EPM7160EQC160-20 EPM7160EQC160-15 ^b EPM7160EQC160-12 ^b	ULC/EPM7160	160-PQFP	C
EPM7160EQI160-20 EPM7160EQI160-15 ^b EPM7160EQI160-12 ^b	ULC/EPM7160	160-PQFP	I
EPM7160EQM160-20 EPM7160EQM160-15 ^b EPM7160EQM160-12 ^b	ULC/EPM7160	160-PQFP	M
EPM7192QC160-3	See EPM7192QC160-20		
EPM7192QC160-2	See EPM7192QC160-15		
EPM7192QC160-1	See EPM7192QC160-12		
EPM7192QI160-3	See EPM7192QI160-20		

Notes

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- b. Feasibility required.
- c. Limitations may apply to RAM size.
- d. 3.3-V part.
- e. Confirm availability with TEMIC sales representative.

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ULC™ Cross-Reference

Device	ULC Device	Package	Temp
EPM7192QI160-2	See EPM7192QI160-15		
EPM7192QI160-1	See EPM7192QI160-12		
EPM7192QM160-3	See EPM7192QM160-20		
EPM7192QM160-2	See EPM7192QM160-15		
EPM7192QM160-1	See EPM7192QM160-12		
EPM7192GC160-3	See EPM7192GC160-20		
EPM7192GC160-2	See EPM7192GC160-15		
EPM7192GC160-1	See EPM7192GC160-12		
EPM7192GI160-3	See EPM7192GI160-20		
EPM7192GI160-2	See EPM7192GI160-15		
EPM7192GI160-1	See EPM7192GI160-12		
EPM7192GM160-3	See EPM7192GM160-20		
EPM7192GM160-2	See EPM7192GM160-15		
EPM7192GM160-1	See EPM7192GM160-12		
EPM7192EQC160-20 EPM7192EQC160-15 ^b EPM7192EQC160-12 ^b	ULC/EPM7192	160-PQFP	C
EPM7192EQI160-20 EPM7192EQI160-15 ^b EPM7192EQI160-12 ^b	ULC/EPM7192	160-PQFP	I
EPM7192EQM160-20 EPM7192EQM160-15 ^b EPM7192EQM160-12 ^b	ULC/EPM7192	160-PQFP	M
EPM7256MC208	See EPM7256MC208-25		
EPM7256MC208-2	See EPM7256MC208-20		
EPM7256MI208	See EPM7256MI208-25		
EPM7256MI208-2	See EPM7256MI208-20		
EPM7256MM208	See EPM7256MM208-25		
EPM7256MM208-2	See EPM7256MM208-20		
EPM7256GC192	See EPM7256GC192-25		
EPM7256GC192-2	See EPM7256GC192-20		
EPM7256GI192	See EPM7256GI192-25		
EPM7256GI192-2	See EPM7256GI192-20		
EPM7256GM192	See EPM7256GM192-25		
EPM7256GM192-2	See EPM7256GM192-20		
EPM7256WC208	See EPM7256WC208-25		
EPM7256WC208-2	See EPM7256WC208-20		
EPM7256WI208	See EPM7256WI208-25		
EPM7256WI208-2	See EPM7256WI208-20		
EPM7256WM208	See EPM7256WM208-25		
EPM7256WM208-2	See EPM7256WM208-20		
EPM7256EMC208-25 EPM7256EMC208-20	ULC/EPM7256	208-PQFP	C
EPM7256EMI208-25 EPM7256EMI208-20	ULC/EPM7256	208-PQFP	I
EPM7256EMM208-25 EPM7256EMM208-20	ULC/EPM7256	208-PQFP	M
EPX740LC44-10 ^b EPX740LC44-10Z ^b EPX740LC44-12 ^b EPX740LC44-15 ^b EPX740LC44-15Z ^b	ULC/EPX740	44-PLCC	C

Device	ULC Device	Package	Temp
EPX740LC68-10 ^b EPX740LC68-10Z ^b EPX740LC68-12 ^b EPX740LC68-15 ^b EPX740LC68-15Z ^b	ULC/EPX740	68-PLCC	C
EPX780LC84-10 ^b EPX780LC84-10Z ^b EPX780LC84-12 ^b EPX780LC84-15 ^b EPX780LC84-15Z ^b	ULC/EPX780	84-PLCC	C
EPX780QC132-10 ^b EPX780QC132-10Z ^b EPX780QC132-12 ^b EPX780QC132-15 ^b EPX780QC132-15Z ^b	ULC/EPX780	132-BQFP	C
EPX8160QC208-10 ^b EPX8160QC208-15 ^b	ULC/EPX8160	208-PQFP	C
PAL16L8-10PC PAL16R4-10PC PAL16R6-10PC PAL16R8-10PC PALCE16V8-10PC GAL16V8-10PC PAL16RA-10PC ^b PEEL18CV8-10P	ULC/16V8-10	20-PDIP	C
PEEL18CV8-10PI	ULC/16V8-10	20-PDIP	I
PAL16L8-15PC PAL16R4-15PC PAL16R6-15PC PAL16R8-15PC PALCE16V8-15PC GAL16V8-15PC PAL16RA-15PC ^b PEEL18CV8-15P	ULC/16V8-10	20-PDIP	C
PEEL18CV8-15PI	ULC/16V8-10	20-PDIP	I
PAL16L8-10JC PAL16R4-10JC PAL16R6-10JC PAL16R8-10JC PALCE16V8-10JC GAL16V8-10JC PAL16RA-10JC ^b PEEL18CV8-10J	ULC/16V8-10	20-PLCC	C
PEEL18CV8-10JI	ULC/16V8-10	20-PLCC	I
PAL16L8-15JC PAL16R4-15JC PAL16R6-15JC PAL16R8-15JC PALCE16V8-15JC GAL16V8-15JC PAL16RA-15JC ^b PEEL18CV8-15J	ULC/16V8-10	20-PLCC	C
PEEL18CV8-15JI	ULC/16V8-10	20-PLCC	I
PAL16L8-10SC PAL16R4-10SC PAL16R6-10SC PAL16R8-10SC PALCE16V8-10SC GAL16V8-10SC PAL16RA-10SC ^b PEEL18CV8-10S	ULC/16V8-10	20-SOIC	C
PEEL18CV8-10SI	ULC/16V8-10	20-SOIC	I

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Device	ULC Device	Package	Temp
PAL16L8-15SC PAL16R4-15SC PAL16R6-15SC PAL16R8-15SC PALCE16V8-15SC GAL16V8-15SC PAL16RA-15SC ^b PEEL18CV8-15S	ULC/16V8-10	20-SOIC	C
PEEL18CV8-15SI	ULC/16V8-10	20-SOIC	I
PAL16L8-7PC PAL16R4-7PC PAL16R6-7PC PAL16R8-7PC PALCE16V8-7PC GAL16V8-7PC PAL16RA-7PC PEEL18CV8-7P	ULC/16V8-7	20-PDIP	C
PEEL18CV8-7PI	ULC/16V8-7	20-PDIP	I
PAL16L8-7JC PAL16R4-7JC PAL16R6-7JC PAL16R8-7JC PALCE16V8-7JC GAL16V8-7JC PAL16RA-7JC PEEL18CV8-7J	ULC/16V8-7	20-PLCC	C
PEEL18CV8-7JI	ULC/16V8-7	20-PLCC	I
PAL16L8-7SC PAL16R4-7SC PAL16R6-7SC PAL16R8-7SC PALCE16V8-7SC GAL16V8-7SC PAL16RA-7SC PEEL18CV8-7S	ULC/16V8-7	20-SOIC	C
PEEL18CV8-7SI	ULC/16V8-7	20-SOIC	I
PAL20L10-15PC PEEL20CG10-15PC	ULC/20L10	24-SDIP	C
PAL20L10-15SC PEEL20CG10-15SC	ULC/20L10	24-SOIC	C
PAL20L10-15JC PEEL20CG10-15JC	ULC/20L10	28-PLCC	C
PAL20RA10-15PC ^b GAL20RA10-15PC ^b	ULC/20RA10	24-SDIP	C
PAL20RA10-15SC ^b GAL20RA10-15SC ^b	ULC/20RA10	24-SOIC	C
PAL20RA10-15JC ^b GAL20RA10-15JC ^b	ULC/20RA10	28-PLCC	C
PAL20L8-10PC PAL20R4-10PC PAL20R6-10PC PAL20R8-10PC PALCE20V8-10PC GAL20V8-10PC PAL20L8-15PC PAL20R4-15PC PAL20R6-15PC PAL20R8-15PC PALCE20V8-15PC GAL20V8-15PC	ULC/20V8-10	24-SDIP	C

Device	ULC Device	Package	Temp
PAL20L8-10SC PAL20R4-10SC PAL20R6-10SC PAL20R8-10SC PALCE20V8-10SC GAL20V8-10SC PAL20L8-15SC PAL20R4-15SC PAL20R6-15SC PAL20R8-15SC PALCE20V8-15SC GAL20V8-15SC	ULC/20V8-10	24-SOIC	C
PAL20L8-10JC PAL20R4-10JC PAL20R6-10JC PAL20R8-10JC PALCE20V8-10JC GAL20V8-10JC PAL20L8-15JC PAL20R4-15JCPAL20R6-15JC PAL20R8-15JC PALCE20V8-15JC GAL20V8-15JC	ULC/20V8-10	28-PLCC	C
PAL20L8-7PC PAL20R4-7PC PAL20R6-7PC PAL20R8-7PC PALCE20V8-7PC GAL20V8-7PC	ULC/20V8-7	24-SDIP	C
PAL20L8-7SC PAL20R4-7SC PAL20R6-7SC PAL20R8-7SC PALCE20V8-7SC GAL20V8-7SC	ULC/20V8-7	24-SOIC	C
PAL20L8-7JC PAL20R4-7JC PAL20R6-7JC PAL20R8-7JC PALCE20V8-7JC GAL20V8-7JC	ULC/20V8-7	28-PLCC	C
PALCE22V10-10PC GAL22V10-10PC PEEL22CV10-10P	ULC/22V10-10	24-SDIP	C
PALCE22V10-10PI GAL22V10-10PI PEEL22CV10-10PI	ULC/22V10-10	24-SDIP	I
PALCE22V10-10SC GAL22V10-10SC PEEL22CV10-10S	ULC/22V10-10	24-SOIC	C
PALCE22V10-10SI GAL22V10-10SI PEEL22CV10-10SI	ULC/22V10-10	24-SOIC	I
PALCE22V10-10JC GAL22V10-10JC PEEL22CV10-10J	ULC/22V10-10	28-PLCC	C
PALCE22V10-10JI GAL22V10-10JI PEEL22CV10-10JI	ULC/22V10-10	28-PLCC	I
PALCE22V10-15PC GAL22V10-15PC PEEL22CV10-15P	ULC/22V10-15	24-SDIP	C
PALCE22V10-15PI GAL22V10-15PI PEEL22CV10-15PI	ULC/22V10-15	24-SDIP	I
PALCE22V10-25PC GAL22V10-25PC PEEL22CV10-25P	ULC/22V10-15	24-SDIP	C

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ULC™ Cross-Reference

Device	ULC Device	Package	Temp
PALCE22V10-25PI GAL22V10-25PI PEEL22CV10-25PI	ULC/22V10-15	24-SDIP	I
PALCE22V10-15SC GAL22V10-15SC PEEL22CV10-15S	ULC/22V10-15	24-SOIC	C
PALCE22V10-15SI GAL22V10-15SI PEEL22CV10-15SI	ULC/22V10-15	24-SOIC	I
PALCE22V10-25SC GAL22V10-25SC PEEL22CV10-25S	ULC/22V10-15	24-SOIC	C
PALCE22V10-25SI GAL22V10-25SI PEEL22CV10-25SI	ULC/22V10-15	24-SOIC	I
PALCE22V10-15JC GAL22V10-15JC PEEL22CV10-15J	ULC/22V10-15	28-PLCC	C
PALCE22V10-15JI GAL22V10-15JI PEEL22CV10-15JI	ULC/22V10-15	28-PLCC	I
PALCE22V10-25JC GAL22V10-25JC PEEL22CV10-25J	ULC/22V10-15	28-PLCC	C
PALCE22V10-25JI GAL22V10-25JI PEEL22CV10-25JI	ULC/22V10-15	28-PLCC	I
PALCE22V10-7PC GAL22V10-7PC PEEL22CV10-7P	ULC/22V10-7	24-SDIP	C
PALCE22V10-7PI GAL22V10-7PI PEEL22CV10-7PI	ULC/22V10-7	24-SDIP	I
PALCE22V10-7SC GAL22V10-7SC PEEL22CV10-7S	ULC/22V10-7	24-SOIC	C
PALCE22V10-7SI GAL22V10-7SI PEEL22CV10-7SI	ULC/22V10-7	24-SOIC	I
PALCE22V10-7JC GAL22V10-7JC PEEL22CV10-7J	ULC/22V10-7	28-PLCC	C
PALCE22V10-7JI GAL22V10-7JI PEEL22CV10-7JI	ULC/22V10-7	28-PLCC	I
PALCE24V10-15JC PALCE24V10-20JC	ULC/24V10-20	28-PLCC	C
PALCE24V10-15PC PALCE24V10-20PC	ULC/24V10-20	28-SDIP	C
GAL26V12-15JC GAL26CV12-15JC GAL26V12-20JC GAL26CV12-20JC	ULC/26V12-20	28-PLCC	C
GAL26V12-15PC GAL26CV12-15PC GAL26V12-20PC GAL26CV12-20PC	ULC/26V12-20	28-SDIP	C
5C060 ^a	See EP600		
5C090 ^a	See EP900		
5C180 ^a	See EP1800		
85C220	See EP220		
85C224	See EP224		
FX740	See EPX740		

Device	ULC Device	Package	Temp
FX780	See EPX780		
FX8160	See EPX8160		
MACH110-20/BXA	ULC/MACH110	44-CQFP	/883
MACH110-12JC ^b MACH110-15JC MACH110-20JC	ULC/MACH110	44-PLCC	C
MACH120-15JC ^b MACH120-20JC ^b	ULC/MACH120	68-PLCC	C
MACH130-20/BXA ^b	ULC/MACH130	84-CQFP	/883
MACH130-15JC ^b MACH130-20JC ^b	ULC/MACH130	84-PLCC	C
MACH210-20/BXA ^b	ULC/MACH210	44-CQFP	/883
MACH210-12JC ^b MACH210-15JC MACH210-20JC	ULC/MACH210	44-PLCC	C
MACH215-12JC ^b MACH215-15JC MACH215-20JC	ULC/MACH215	44-PLCC	C
MACH220-15JC ^b MACH220-20JC ^b	ULC/MACH220	68-PLCC	C
MACH230-20/BXA ^b	ULC/MACH230	84-CQFP	/883
MACH230-15JC ^b MACH230-20JC ^b	ULC/MACH230	84-PLCC	C
PLHS473N ^a	ULC/PLHS473	24-SDIP	C
PLS100N ^a	ULC/PLS100	20-PDIP	C
PLS105-40N ^a PLS105N ^a PLS105AN ^a	ULC/PLS105	20-PDIP	C
PLS167N ^a PLS167AN ^a	ULC/PLS167	24-SDIP	C
PLS168N ^a PLS168AN ^a	ULC/PLS168	24-SDIP	C
PLS179N ^a	ULC/PLS179	24-SDIP	C
PLUS153BN PLUS153DN	ULC/PLUS153	20-PDIP	C
PLUS173BN PLUS173DN	ULC/PLUS173	24-SDIP	C
PLUS405-37A ^a PLUS405-45A ^a	ULC/PLUS405	28-PLCC	C
pLSII1016CJC ^b pLSII1016CJC ^b pLSII1016CJC ^b	ULC/pLSII1016	44-PLCC	C
pLSII1016CQC ^b pLSII1016CQC ^b pLSII1016CQC ^b	ULC/pLSII1016	44-TQFP	C
pLSII1024CJC ^b pLSII1024CJC ^b	ULC/pLSII1024	68-PLCC	C
pLSII1032CJC ^b pLSII1032CJC ^b	ULC/pLSII1032	84-PLCC	C
pLSII1032CQC ^b pLSII1032CQC ^b	ULC/pLSII1032	100-TQFP	C
pLSII1048CQC ^b pLSII1048CQC ^b	ULC/pLSII1048	120-PQFP	C
pLSII1048CQC ^b pLSII1048CQC ^b	ULC/pLSII1048	128-PQFP	C
QL12X16B-0PL68C ^b	ULC/QL12X16	68-PLCC	C
QL12X16B-0PL68I ^b	ULC/QL12X16	68-PLCC	I
QL12X16B-0PL68M ^b	ULC/QL12X16	68-PLCC	M
QL12X16B-1PL68C ^b	ULC/QL12X16	68-PLCC	C

Notes

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Device	ULC Device	Package	Temp
QL12X16B-1PL68I ^b	ULC/QL12X16	68-PLCC	I
QL12X16B-1PL68M ^b	ULC/QL12X16	68-PLCC	M
QL12X16B-2PL68C ^b	ULC/QL12X16	68-PLCC	C
QL12X16B-2PL68I ^b	ULC/QL12X16	68-PLCC	I
QL12X16B-2PL68M ^b	ULC/QL12X16	68-PLCC	M
QL12X16B-0CG84M ^b QL12X16B-1CG84M ^b QL12X16B-2CG84M ^b	ULC/QL12X16	84-CPGA ^e	M
QL12X16B-0PL84C ^b	ULC/QL12X16	84-PLCC	C
QL12X16B-0PL84I ^b	ULC/QL12X16	84-PLCC	I
QL12X16B-0PL84M ^b	ULC/QL12X16	84-PLCC	M
QL12X16B-1PL84C ^b	ULC/QL12X16	84-PLCC	C
QL12X16B-1PL84I ^b	ULC/QL12X16	84-PLCC	I
QL12X16B-1PL84M ^b	ULC/QL12X16	84-PLCC	M
QL12X16B-2PL84C ^b	ULC/QL12X16	84-PLCC	C
QL12X16B-2PL84I ^b	ULC/QL12X16	84-PLCC	I
QL12X16B-2PL84M ^b	ULC/QL12X16	84-PLCC	M
QL12X16B-0PF100C ^b	ULC/QL12X16	100-TQFP	C
QL12X16B-0PF100I ^b	ULC/QL12X16	100-TQFP	I
QL12X16B-0PF100M ^b	ULC/QL12X16	100-TQFP	M
QL12X16B-1PF100C ^b	ULC/QL12X16	100-TQFP	C
QL12X16B-1PF100I ^b	ULC/QL12X16	100-TQFP	I
QL12X16B-1PF100M ^b	ULC/QL12X16	100-TQFP	M
QL12X16B-2PF100C ^b	ULC/QL12X16	100-TQFP	C
QL12X16B-2PF100I ^b	ULC/QL12X16	100-TQFP	I
QL12X16B-2PF100M ^b	ULC/QL12X16	100-TQFP	M
QL16X24B-0PL84C ^b	ULC/QL16X24	84-PLCC	C
QL16X24B-0PL84I ^b	ULC/QL16X24	84-PLCC	I
QL16X24B-0PL84M ^b	ULC/QL16X24	84-PLCC	M
QL16X24B-1PL84C ^b	ULC/QL16X24	84-PLCC	C
QL16X24B-1PL84I ^b	ULC/QL16X24	84-PLCC	I
QL16X24B-1PL84M ^b	ULC/QL16X24	84-PLCC	M
QL16X24B-2PL84C ^b	ULC/QL16X24	84-PLCC	C
QL16X24B-2PL84I ^b	ULC/QL16X24	84-PLCC	I
QL16X24B-2PL84M ^b	ULC/QL16X24	84-PLCC	M
QL16X24B-0PF100C ^b	ULC/QL16X24	100-TQFP	C
QL16X24B-0PF100I ^b	ULC/QL16X24	100-TQFP	I
QL16X24B-0PF100M ^b	ULC/QL16X24	100-TQFP	M
QL16X24B-1PF100C ^b	ULC/QL16X24	100-TQFP	C
QL16X24B-1PF100I ^b	ULC/QL16X24	100-TQFP	I
QL16X24B-1PF100M ^b	ULC/QL16X24	100-TQFP	M
QL16X24B-2PF100C ^b	ULC/QL16X24	100-TQFP	C
QL16X24B-2PF100I ^b	ULC/QL16X24	100-TQFP	I
QL16X24B-2PF100M ^b	ULC/QL16X24	100-TQFP	M
QL16X24B-0CG144M ^b QL16X24B-1CG144M ^b QL16X24B-2CG144M ^b	ULC/QL16X24	144-CPGA ^e	M
QL16X24B-0PF144C ^b	ULC/QL16X24	144-TQFP	C
QL16X24B-0PF144I ^b	ULC/QL16X24	144-TQFP	I
QL16X24B-0PF144M ^b	ULC/QL16X24	144-TQFP	M
QL16X24B-1PF144C ^b	ULC/QL16X24	144-TQFP	C
QL16X24B-1PF144I ^b	ULC/QL16X24	144-TQFP	I
QL16X24B-1PF144M ^b	ULC/QL16X24	144-TQFP	M
QL16X24B-2PF144C ^b	ULC/QL16X24	144-TQFP	C
QL16X24B-2PF144I ^b	ULC/QL16X24	144-TQFP	I

Device	ULC Device	Package	Temp
QL16X24B-1PF144M ^b	ULC/QL16X24	144-TQFP	M
QL16X24B-2PF144C ^b	ULC/QL16X24	144-TQFP	C
QL16X24B-2PF144I ^b	ULC/QL16X24	144-TQFP	I
QL16X24B-2PF144M ^b	ULC/QL16X24	144-TQFP	M
QL24X32B-0PF100C ^b	ULC/QL24X32	100-TQFP	C
QL24X32B-0PF100I ^b	ULC/QL24X32	100-TQFP	I
QL24X32B-0PF100M ^b	ULC/QL24X32	100-TQFP	M
QL24X32B-1PF100C ^b	ULC/QL24X32	100-TQFP	C
QL24X32B-1PF100I ^b	ULC/QL24X32	100-TQFP	I
QL24X32B-1PF100M ^b	ULC/QL24X32	100-TQFP	M
QL24X32B-2PF100C ^b	ULC/QL24X32	100-TQFP	C
QL24X32B-2PF100I ^b	ULC/QL24X32	100-TQFP	I
QL24X32B-2PF100M ^b	ULC/QL24X32	100-TQFP	M
QL24X32B-0PF144C ^b	ULC/QL24X32	144-TQFP	C
QL24X32B-0PF144I ^b	ULC/QL24X32	144-TQFP	I
QL24X32B-0PF144M ^b	ULC/QL24X32	144-TQFP	M
QL24X32B-1PF144C ^b	ULC/QL24X32	144-TQFP	C
QL24X32B-1PF144I ^b	ULC/QL24X32	144-TQFP	I
QL24X32B-1PF144M ^b	ULC/QL24X32	144-TQFP	M
QL24X32B-2PF144C ^b	ULC/QL24X32	144-TQFP	C
QL24X32B-2PF144I ^b	ULC/QL24X32	144-TQFP	I
QL24X32B-2PF144M ^b	ULC/QL24X32	144-TQFP	M
QL8X12B-0PL44C ^b	ULC/QL8X12	44-PLCC	C
QL8X12B-0PL44I ^b	ULC/QL8X12	44-PLCC	I
QL8X12B-0PL44M ^b	ULC/QL8X12	44-PLCC	M
QL8X12B-1PL44C ^b	ULC/QL8X12	44-PLCC	C
QL8X12B-1PL44I ^b	ULC/QL8X12	44-PLCC	I
QL8X12B-1PL44M ^b	ULC/QL8X12	44-PLCC	M
QL8X12B-2PL44C ^b	ULC/QL8X12	44-PLCC	C
QL8X12B-2PL44I ^b	ULC/QL8X12	44-PLCC	I
QL8X12B-2PL44M ^b	ULC/QL8X12	44-PLCC	M
QL8X12B-0CG68M ^b QL8X12B-1CG68M ^b QL8X12B-2CG68M ^b	ULC/QL8X12	68-CPGA ^e	M
QL8X12B-0PL68C ^b	ULC/QL8X12	68-PLCC	C
QL8X12B-0PL68I ^b	ULC/QL8X12	68-PLCC	I
QL8X12B-0PL68M ^b	ULC/QL8X12	68-PLCC	M
QL8X12B-1PL68C ^b	ULC/QL8X12	68-PLCC	C
QL8X12B-1PL68I ^b	ULC/QL8X12	68-PLCC	I
QL8X12B-1PL68M ^b	ULC/QL8X12	68-PLCC	M
QL8X12B-2PL68C ^b	ULC/QL8X12	68-PLCC	C
QL8X12B-2PL68I ^b	ULC/QL8X12	68-PLCC	I
QL8X12B-2PL68M ^b	ULC/QL8X12	68-PLCC	M
QL8X12B-0PF100C ^b	ULC/QL8X12	100-TQFP	C
QL8X12B-0PF100I ^b	ULC/QL8X12	100-TQFP	I
QL8X12B-0PF100M ^b	ULC/QL8X12	100-TQFP	M
QL8X12B-1PF100C ^b	ULC/QL8X12	100-TQFP	C
QL8X12B-1PF100I ^b	ULC/QL8X12	100-TQFP	I
QL8X12B-1PF100M ^b	ULC/QL8X12	100-TQFP	M
QL8X12B-2PF100C ^b	ULC/QL8X12	100-TQFP	C
QL8X12B-2PF100I ^b	ULC/QL8X12	100-TQFP	I
QL8X12B-2PF100M ^b	ULC/QL8X12	100-TQFP	M

Notes

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- b. Feasibility required.
- c. Limitations may apply to RAM size.
- d. 3.3-V part.
- e. Confirm availability with TEMIC sales representative.

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- /883 = Full MIL-SPEC /883B.

ULC™ Cross-Reference

Device	ULC Device	Package	Temp
XC2018-100PC44C	ULC/XC2018	44-PLCC	C
XC2018-100PC44I	ULC/XC2018	44-PLCC	I
XC2018-70PC44C	ULC/XC2018	44-PLCC	C
XC2018-70PC44I	ULC/XC2018	44-PLCC	I
XC2018-100VQ64C	ULC/XC2018	64-VQFP	C
XC2018-100VQ64I	ULC/XC2018	64-VQFP	I
XC2018L-10VQ64C ^d XC2018-130VQ64C	ULC/XC2018	64-VQFP	C
XC2018-100PC68C	ULC/XC2018	68-PLCC	C
XC2018-100PC68I	ULC/XC2018	68-PLCC	I
XC2018-130PC68C XC2018-50PC68C	ULC/XC2018	68-PLCC	C
XC2018-50PC68I	ULC/XC2018	68-PLCC	I
XC2018-70PC68C	ULC/XC2018	68-PLCC	C
XC2018-70PC68I	ULC/XC2018	68-PLCC	I
XC2018-33PG84B	ULC/XC2018	84-CPGA ^e	/883
XC2018-33PG84M	ULC/XC2018	84-CPGA ^e	M
XC2018-50PG84B	ULC/XC2018	84-CPGA ^e	/883
XC2018-50PG84M	ULC/XC2018	84-CPGA ^e	M
XC2018-70PG84B	ULC/XC2018	84-CPGA ^e	/883
XC2018-70PG84M	ULC/XC2018	84-CPGA ^e	M
XC2018-100PC84C	ULC/XC2018	84-PLCC	C
XC2018-100PC84I	ULC/XC2018	84-PLCC	I
XC2018L-10PC84C ^d XC2018-130PC84C XC2018-50PC84C	ULC/XC2018	84-PLCC	C
XC2018-50PC84I	ULC/XC2018	84-PLCC	I
XC2018-70PC84C	ULC/XC2018	84-PLCC	C
XC2018-70PC84I	ULC/XC2018	84-PLCC	I
XC2018-100TQ100C	ULC/XC2018	100-TQFP	C
XC2018-100TQ100I	ULC/XC2018	100-TQFP	I
XC2018-130TQ100C	ULC/XC2018	100-TQFP	C
XC2018L-10VQ100C ^d	ULC/XC2018	100-VQFP	C
XC2064-50PC44C	ULC/XC2064	44-PLCC	C
XC2064-50PC44I	ULC/XC2064	44-PLCC	I
XC2064-70-PC44C	ULC/XC2064	44-PLCC	C
XC2064-70-PC44I	ULC/XC2064	44-PLCC	I
XC2064100-PC44C	ULC/XC2064	44-PLCC	C
XC2064100-PC44I	ULC/XC2064	44-PLCC	I
XC2064130PC44C	ULC/XC2064	44-PLCC	C
XC2064130PC44I	ULC/XC2064	44-PLCC	I
XC2064-50PD40C	ULC/XC2064	48-PDIP	C
XC2064L-10VQ64C ^d	ULC/XC2064	64-VQFP	C
XC2064-50PG68M XC2064-70PG68M	ULC/XC2064	68-CPGA ^e	M
XC2064L-10PC68C ^d XC2064-50PC68C	ULC/XC2064	68-PLCC	C
XC2064-50PC68I	ULC/XC2064	68-PLCC	I
XC2064-70-PC68C	ULC/XC2064	68-PLCC	C
XC2064-70-PC68I	ULC/XC2064	68-PLCC	I
XC2064100-PC68C	ULC/XC2064	68-PLCC	C
XC2064100-PC68I	ULC/XC2064	68-PLCC	I

Device	ULC Device	Package	Temp
XC2064130PC68C	ULC/XC2064	68-PLCC	C
XC2064130PC68I	ULC/XC2064	68-PLCC	I
XC3020-100PC68C	ULC/XC3020	68-PLCC	C
XC3020-100PC68I	ULC/XC3020	68-PLCC	I
XC3020-125PC68C XC3020A-6PC68C XC3020-70PC68C	ULC/XC3020	68-PLCC	C
XC3020-70PC68I	ULC/XC3020	68-PLCC	I
XC3020A-7PC68C	ULC/XC3020	68-PLCC	C
XC3020A-7PC68I	ULC/XC3020	68-PLCC	I
XC3020-100PG84B	ULC/XC3020	84-CPGA ^e	/883
XC3020-100PG84M	ULC/XC3020	84-CPGA ^e	M
XC3020-50PG84B	ULC/XC3020	84-CPGA ^e	/883
XC3020-50PG84M	ULC/XC3020	84-CPGA ^e	M
XC3020-70PG84B	ULC/XC3020	84-CPGA ^e	/883
XC3020-70PG84M	ULC/XC3020	84-CPGA ^e	M
XC3020-100PC84C	ULC/XC3020	84-PLCC	C
XC3020-100PC84I	ULC/XC3020	84-PLCC	I
XC3020-125PC84C XC3020L-3PC84C ^d XC3020L-4PC84C ^d XC3020L-5PC84C ^d XC3020A-6PC84C XC3020-70PC84C	ULC/XC3020	84-PLCC	C
XC3020-70PC84I	ULC/XC3020	84-PLCC	I
XC3020A-7PC84C	ULC/XC3020	84-PLCC	C
XC3020A-7PC84I	ULC/XC3020	84-PLCC	I
XC3020-100CB100B	ULC/XC3020	100-CQFP	/883
XC3020-100CB100M	ULC/XC3020	100-CQFP	M
XC3020-50CB100B	ULC/XC3020	100-CQFP	/883
XC3020-50CB100M	ULC/XC3020	100-CQFP	M
XC3020-70CB100B	ULC/XC3020	100-CQFP	/883
XC3020-70CB100M	ULC/XC3020	100-CQFP	M
XC3020-100PQ100C	ULC/XC3020	100-PQFP	C
XC3020-100PQ100I	ULC/XC3020	100-PQFP	I
XC3020-125PQ100C XC3020A-6PQ100C XC3020-70PQ100C	ULC/XC3020	100-PQFP	C
XC3020-70PQ100I	ULC/XC3020	100-PQFP	I
XC3020A-7PQ100C	ULC/XC3020	100-PQFP	C
XC3020A-7PQ100I	ULC/XC3020	100-PQFP	I
XC3030-100PC44C	ULC/XC3030	44-PLCC	C
XC3030-100PC44I	ULC/XC3030	44-PLCC	I
XC3030-125PC44C XC3030A-6PC44C XC3030-70PC44C	ULC/XC3030	44-PLCC	C
XC3030-70PC44I	ULC/XC3030	44-PLCC	I
XC3030A-7PC44C	ULC/XC3030	44-PLCC	C
XC3030A-7PC44I	ULC/XC3030	44-PLCC	I
XC3030L-3VQ64C ^d XC3030L-4VQ64C ^d XC3030L-5VQ64C ^d XC3030A-6VQ64C XC3030A-7VQ64C	ULC/XC3030	64-VQFP	C
XC3030A-7VQ64I	ULC/XC3030	64-VQFP	I
XC3030-100PC68C	ULC/XC3030	68-PLCC	C

Notes

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 M = Military (-55 to 125°C)
 /883 = Full MIL-SPEC /883B.

Device	ULC Device	Package	Temp
XC3030-100PC68I	ULC/XC3030	68-PLCC	I
XC3030-125PC68C XC3030A-6PC68C XC3030-70PC68C	ULC/XC3030	68-PLCC	C
XC3030-70PC68I	ULC/XC3030	68-PLCC	I
XC3030A-7PC68C	ULC/XC3030	68-PLCC	C
XC3030A-7PC68I	ULC/XC3030	68-PLCC	I
XC3030-100PG84B	ULC/XC3030	84-CPGA ^e	/883
XC3030-100PG84M	ULC/XC3030	84-CPGA ^e	M
XC3030-50PG84B	ULC/XC3030	84-CPGA ^e	/883
XC3030-50PG84M	ULC/XC3030	84-CPGA ^e	M
XC3030-70PG84B	ULC/XC3030	84-CPGA ^e	/883
XC3030-70PG84M	ULC/XC3030	84-CPGA ^e	M
XC3030-100PC84C	ULC/XC3030	84-PLCC	C
XC3030-100PC84I	ULC/XC3030	84-PLCC	I
XC3030-125PC84C XC3030L-3PC84C ^d XC3030L-4PC84C ^d XC3030L-5PC84C ^d XC3030A-6PC84C XC3030-70PC84C	ULC/XC3030	84-PLCC	C
XC3030-70PC84I	ULC/XC3030	84-PLCC	I
XC3030A-7PC84C	ULC/XC3030	84-PLCC	C
XC3030A-7PC84I	ULC/XC3030	84-PLCC	I
XC3030-100PQ100C	ULC/XC3030	100-PQFP	C
XC3030-100PQ100I	ULC/XC3030	100-PQFP	I
XC3030-125PQ100C XC3030A-6PQ100C XC3030-70PQ100C	ULC/XC3030	100-PQFP	C
XC3030-70PQ100I	ULC/XC3030	100-PQFP	I
XC3030A-7PQ100C	ULC/XC3030	100-PQFP	C
XC3030A-7PQ100I	ULC/XC3030	100-PQFP	I
XC3030-100TQ100C	ULC/XC3030	100-TQFP	C
XC3030-100TQ100I	ULC/XC3030	100-TQFP	I
XC3030-125TQ100C XC3030-70TQ100C	ULC/XC3030	100-TQFP	C
XC3030-70TQ100I	ULC/XC3030	100-TQFP	I
XC3030L-3VQ100C ^d XC3030L-4VQ100C ^d XC3030L-5VQ100C ^d XC3030A-6VQ100C XC3030A-7VQ100C	ULC/XC3030	100-VQFP	C
XC3030A-7VQ100I	ULC/XC3030	100-VQFP	I
XC3042-100PG84B	ULC/XC3042	84-CPGA ^e	/883
XC3042-100PG84M	ULC/XC3042	84-CPGA ^e	M
XC3042-50PG84B	ULC/XC3042	84-CPGA ^e	/883
XC3042-50PG84M	ULC/XC3042	84-CPGA ^e	M
XC3042-70PG84B	ULC/XC3042	84-CPGA ^e	/883
XC3042-70PG84M	ULC/XC3042	84-CPGA ^e	M
XC3042-100PC84C	ULC/XC3042	84-PLCC	C
XC3042-100PC84I	ULC/XC3042	84-PLCC	I
XC3042-125PC84C XC3042L-3PC84C ^d XC3042L-4PC84C ^d XC3042L-5PC84C ^d XC3042A-6PC84C XC3042-70PC84C	ULC/XC3042	84-PLCC	C

Device	ULC Device	Package	Temp
XC3042-70PC84I	ULC/XC3042	84-PLCC	I
XC3042A-7PC84C	ULC/XC3042	84-PLCC	C
XC3042A-7PC84I	ULC/XC3042	84-PLCC	I
XC3042-100CB100B	ULC/XC3042	100-CQFP	/883
XC3042-100CB100M	ULC/XC3042	100-CQFP	M
XC3042-50CB100B	ULC/XC3042	100-CQFP	/883
XC3042-50CB100M	ULC/XC3042	100-CQFP	M
XC3042-70CB100B	ULC/XC3042	100-CQFP	/883
XC3042-70CB100M	ULC/XC3042	100-CQFP	M
XC3042-100PQ100C	ULC/XC3042	100-PQFP	C
XC3042-100PQ100I	ULC/XC3042	100-PQFP	I
XC3042-125PQ100C XC3042A-6PQ100C XC3042-70PQ100C	ULC/XC3042	100-PQFP	C
XC3042-70PQ100I	ULC/XC3042	100-PQFP	I
XC3042A-7PQ100C	ULC/XC3042	100-PQFP	C
XC3042A-7PQ100I	ULC/XC3042	100-PQFP	I
XC3042-100TQ100C	ULC/XC3042	100-TQFP	C
XC3042-100TQ100I	ULC/XC3042	100-TQFP	I
XC3042-125TQ100C XC3042-70TQ100C	ULC/XC3042	100-TQFP	C
XC3042-70TQ100I	ULC/XC3042	100-TQFP	I
XC3042L-3VQ100C ^d XC3042L-4VQ100C ^d XC3042L-5VQ100C ^d XC3042A-6VQ100C XC3042A-7VQ100C	ULC/XC3042	100-VQFP	C
XC3042A-7VQ100I	ULC/XC3042	100-VQFP	I
XC3042-100PG132B	ULC/XC3042	132-CPGA ^e	/883
XC3042-100PG132M	ULC/XC3042	132-CPGA ^e	M
XC3042-50PG132B	ULC/XC3042	132-CPGA ^e	/883
XC3042-50PG132M	ULC/XC3042	132-CPGA ^e	M
XC3042-70PG132B	ULC/XC3042	132-CPGA ^e	/883
XC3042-70PG132M	ULC/XC3042	132-CPGA ^e	M
XC3042L-3TQ144C ^d XC3042L-4TQ144C ^d XC3042L-5TQ144C ^d XC3042A-6TQ144C XC3042A-7TQ144C	ULC/XC3042	144-TQFP	C
XC3042A-7TQ144I	ULC/XC3042	144-TQFP	I
XC3064-100PC84C	ULC/XC3064	84-PLCC	C
XC3064-100PC84I	ULC/XC3064	84-PLCC	I
XC3064-125PC84C XC3064L-3PC84C ^d XC3064L-4PC84C ^d XC3064L-5PC84C ^d XC3064A-6PC84C XC3064-70PC84C	ULC/XC3064	84-PLCC	C
XC3064-70PC84I	ULC/XC3064	84-PLCC	I
XC3064A-7PC84C	ULC/XC3064	84-PLCC	C
XC3064A-7PC84I	ULC/XC3064	84-PLCC	I
XC3064-100PG132B	ULC/XC3064	132-CPGA ^e	/883
XC3064-100PG132M	ULC/XC3064	132-CPGA ^e	M
XC3064-50PG132B	ULC/XC3064	132-CPGA ^e	/883
XC3064-50PG132M	ULC/XC3064	132-CPGA ^e	M
XC3064-70PG132B	ULC/XC3064	132-CPGA ^e	/883

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Device	ULC Device	Package	Temp
XC3064-70PG132M	ULC/XC3064	132-CPGA ^e	M
XC3064L-3TQ144C ^d XC3064L-4TQ144C ^d XC3064L-5TQ144C ^d	ULC/XC3064	144-TQFP	C
XC3064-100PQ160C	ULC/XC3064	160-PQFP	C
XC3064-100PQ160I	ULC/XC3064	160-PQFP	I
XC3064-125PQ160C XC3064A-6TQ144C XC3064-70PQ160C	ULC/XC3064	160-PQFP	C
XC3064-70PQ160I	ULC/XC3064	160-PQFP	I
XC3064A-7TQ144C	ULC/XC3064	160-PQFP	C
XC3064A-7TQ144I	ULC/XC3064	160-PQFP	I
XC3090-100PC84C	ULC/XC3090	84-PLCC	C
XC3090-100PC84I	ULC/XC3090	84-PLCC	I
XC3090-125PC84C XC3090L-3PC84C ^d XC3090L-4PC84C ^d XC3090L-5PC84C ^d XC3090A-6PC84C XC3090-70PC84C	ULC/XC3090	84-PLCC	C
XC3090-70PC84I	ULC/XC3090	84-PLCC	I
XC3090A-7PC84C	ULC/XC3090	84-PLCC	C
XC3090A-7PC84I	ULC/XC3090	84-PLCC	I
XC3090-100PQ160C	ULC/XC3090	160-PQFP	C
XC3090-100PQ160I	ULC/XC3090	160-PQFP	I
XC3090-125PQ160C XC3090A-6PQ160C XC3090-70PQ160C	ULC/XC3090	160-PQFP	C
XC3090-70PQ160I	ULC/XC3090	160-PQFP	I
XC3090A-7PQ160C	ULC/XC3090	160-PQFP	C
XC3090A-7PQ160I	ULC/XC3090	160-PQFP	I
XC3090-100PP175C	ULC/XC3090	175-CPGA ^e	C
XC3090-100PP175I	ULC/XC3090	175-CPGA ^e	I
XC3090-125PP175C XC3090A-6PP175C XC3090-70PP175C	ULC/XC3090	175-CPGA ^e	C
XC3090-70PP175I	ULC/XC3090	175-CPGA ^e	I
XC3090A-7PP175C	ULC/XC3090	175-CPGA ^e	C
XC3090A-7PP175I	ULC/XC3090	175-CPGA ^e	I
XC3090L-3TQ176C ^d XC3090L-4TQ176C ^d XC3090L-5TQ176C ^d XC3090A-6TQ176C XC3090A-7TQ176C	ULC/XC3090	176-TQFP	C
XC3090A-7TQ176I	ULC/XC3090	176-TQFP	I
XC3090-100PQ208C	ULC/XC3090	208-PQFP	C
XC3090-100PQ208I	ULC/XC3090	208-PQFP	I
XC3090-125PQ208C XC3090A-6PQ208C XC3090-70PQ208C	ULC/XC3090	208-PQFP	C
XC3090-70PQ208I	ULC/XC3090	208-PQFP	I
XC3090A-7PQ208C	ULC/XC3090	208-PQFP	C
XC3090A-7PQ208I	ULC/XC3090	208-PQFP	I
XC3120A-3PC68C XC3120-3PC68C XC3120A-4PC68C XC3120-4PC68C	ULC/XC3120	68-PLCC	C

Device	ULC Device	Package	Temp
XC3120A-4PC68I XC3120-4PC68I	ULC/XC3120	68-PLCC	I
XC3120A-5PC68C XC3120-5PC68C	ULC/XC3120	68-PLCC	C
XC3120A-5PC68I XC3120-5PC68I	ULC/XC3120	68-PLCC	I
XC3120A-3PC84C XC3120-3PC84C XC3120A-4PC84C XC3120-4PC84C	ULC/XC3120	84-PLCC	C
XC3120A-4PC84I XC3120-4PC84I	ULC/XC3120	84-PLCC	I
XC3120A-5PC84C XC3120-5PC84C	ULC/XC3120	84-PLCC	C
XC3120A-5PC84I XC3120-5PC84I	ULC/XC3120	84-PLCC	I
XC3120A-5CB100B XC3120-5CB100B	ULC/XC3120	100-CQFP	/883
XC3120A-5CB100M XC3120-5CB100M	ULC/XC3120	100-CQFP	M
XC3120A-3PQ100C XC3120-3PQ100C XC3120A-4PQ100C XC3120-4PQ100C	ULC/XC3120	100-PQFP	C
XC3120A-4PQ100I XC3120-4PQ100I	ULC/XC3120	100-PQFP	I
XC3120A-5PQ100C XC3120-5PQ100C	ULC/XC3120	100-PQFP	C
XC3120A-5PQ100I XC3120-5PQ100I	ULC/XC3120	100-PQFP	I
XC3130A-3PC44C XC3130-3PC44C XC3130A-4PC44C XC3130-4PC44C	ULC/XC3130	44-PLCC	C
XC3130A-4PC44I XC3130-4PC44I	ULC/XC3130	44-PLCC	I
XC3130A-5PC44C XC3130-5PC44C	ULC/XC3130	44-PLCC	C
XC3130A-5PC44I XC3130-5PC44I	ULC/XC3130	44-PLCC	I
XC3130A-3PC68C XC3130-3PC68C XC3130A-4PC68C XC3130-4PC68C	ULC/XC3130	68-PLCC	C
XC3130A-4PC68I XC3130-4PC68I	ULC/XC3130	68-PLCC	I
XC3130A-5PC68C XC3130-5PC68C	ULC/XC3130	68-PLCC	C
XC3130A-5PC68I XC3130-5PC68I	ULC/XC3130	68-PLCC	I
XC3130A-3PC84C XC3130-3PC84C XC3130A-4PC84C XC3130-4PC84C	ULC/XC3130	84-PLCC	C
XC3130A-4PC84I XC3130-4PC84I	ULC/XC3130	84-PLCC	I
XC3130A-5PC84C XC3130-5PC84C	ULC/XC3130	84-PLCC	C
XC3130A-5PC84I XC3130-5PC84I	ULC/XC3130	84-PLCC	I

Notes

- ULC may be too fast, check faster PLD.
- Feasibility required.
- Limitations may apply to RAM size.
- 3.3-V part.
- Confirm availability with TEMIC sales representative.

Temperature Ranges

- C = Commercial (0 to 70°C)
 I = Industrial (-40 to 125°C)
 M = Military (-55 to 125°C)
 /883 = Full MIL-SPEC /883B.

Device	ULC Device	Package	Temp
XC3130A-3PQ100C XC3130-3PQ100C XC3130A-4PQ100C XC3130-4PQ100C	ULC/XC3130	100-PQFP	C
XC3130A-4PQ100I XC3130-4PQ100I	ULC/XC3130	100-PQFP	I
XC3130A-5PQ100C XC3130-5PQ100C	ULC/XC3130	100-PQFP	C
XC3130A-5PQ100I XC3130-5PQ100I	ULC/XC3130	100-PQFP	I
XC3130A-3TQ100C XC3130-3TQ100C XC3130A-4TQ100C XC3130-4TQ100C	ULC/XC3130	100-TQFP	C
XC3130A-4TQ100I XC3130-4TQ100I	ULC/XC3130	100-TQFP	I
XC3130A-5TQ100C XC3130-5TQ100C	ULC/XC3130	100-TQFP	C
XC3130A-5TQ100I XC3130-5TQ100I	ULC/XC3130	100-TQFP	I
XC3142A-3PC84C XC3142-3PC84C XC3142A-4PC84C XC3142-4PC84C	ULC/XC3142	84-PLCC	C
XC3142A-4PC84I XC3142-4PC84I	ULC/XC3142	84-PLCC	I
XC3142A-5PC84C XC3142-5PC84C	ULC/XC3142	84-PLCC	C
XC3142A-5PC84I XC3142-5PC84I	ULC/XC3142	84-PLCC	I
XC3142A-5CB100B XC3142-5CB100B	ULC/XC3142	100-CQFP	/883
XC3142A-5CB100M XC3142-5CB100M	ULC/XC3142	100-CQFP	M
XC3142A-3PQ100C XC3142-3PQ100C XC3142A-4PQ100C XC3142-4PQ100C	ULC/XC3142	100-PQFP	C
XC3142A-4PQ100I XC3142-4PQ100I	ULC/XC3142	100-PQFP	I
XC3142A-5PQ100C XC3142-5PQ100C	ULC/XC3142	100-PQFP	C
XC3142A-5PQ100I XC3142-5PQ100I	ULC/XC3142	100-PQFP	I
XC3142A-3TQ100C XC3142-3TQ100C XC3142A-4TQ100C XC3142-4TQ100C	ULC/XC3142	100-TQFP	C
XC3142A-4TQ100I XC3142-4TQ100I	ULC/XC3142	100-TQFP	I
XC3142A-5TQ100C XC3142-5TQ100C	ULC/XC3142	100-TQFP	C
XC3142A-5TQ100I XC3142-5TQ100I	ULC/XC3142	100-TQFP	I
XC3142A-5PG132B XC3142-5PG132B	ULC/XC3142	132-CPGA ^e	/883
XC3142A-5PG132M XC3142-5PG132M	ULC/XC3142	132-CPGA ^e	M

Device	ULC Device	Package	Temp
XC3142A-3TQ144C XC3142-3TQ144C XC3142A-4TQ144C XC3142-4TQ144C	ULC/XC3142	144-TQFP	C
XC3142A-4TQ144I XC3142-4TQ144I	ULC/XC3142	144-TQFP	I
XC3142A-5TQ144C XC3142-5TQ144C	ULC/XC3142	144-TQFP	C
XC3142A-5TQ144I XC3142-5TQ144I	ULC/XC3142	144-TQFP	I
XC3164A-3PC84C XC3164-3PC84C XC3164A-4PC84C XC3164-4PC84C	ULC/XC3164	84-PLCC	C
XC3164A-4PC84I XC3164-4PC84I	ULC/XC3164	84-PLCC	I
XC3164A-5PC84C XC3164-5PC84C	ULC/XC3164	84-PLCC	C
XC3164A-5PC84I XC3164-5PC84I	ULC/XC3164	84-PLCC	I
XC3164A-3PQ160C XC3164-3PQ160C XC3164A-4PQ160C XC3164-4PQ160C	ULC/XC3164	160-PQFP	C
XC3164A-4PQ160I XC3164-4PQ160I	ULC/XC3164	160-PQFP	I
XC3164A-5PQ160C XC3164-5PQ160C	ULC/XC3164	160-PQFP	C
XC3164A-5PQ160I XC3164-5PQ160I	ULC/XC3164	160-PQFP	I
XC3190A-3PC84C XC3190-3PC84C XC3190A-4PC84C XC3190-4PC84C	ULC/XC3190	84-PLCC	C
XC3190A-4PC84I XC3190-4PC84I	ULC/XC3190	84-PLCC	I
XC3190A-5PC84C XC3190-5PC84C	ULC/XC3190	84-PLCC	C
XC3190A-5PC84I XC3190-5PC84I	ULC/XC3190	84-PLCC	I
XC3190A-3PQ160C XC3190-3PQ160C XC3190A-4PQ160C XC3190-4PQ160C	ULC/XC3190	160-PQFP	C
XC3190A-4PQ160I XC3190-4PQ160I	ULC/XC3190	160-PQFP	I
XC3190A-5PQ160C XC3190-5PQ160C	ULC/XC3190	160-PQFP	C
XC3190A-5PQ160I XC3190-5PQ160I	ULC/XC3190	160-PQFP	I
XC3190A-3PP175C XC3190-3PP175C XC3190A-4PP175C XC3190-4PP175C	ULC/XC3190	175-CPGA ^e	C
XC3190A-4PP175I XC3190-4PP175I	ULC/XC3190	175-CPGA ^e	I
XC3190A-5PP175C XC3190-5PP175C	ULC/XC3190	175-CPGA ^e	C
XC3190A-5PP175I XC3190-5PP175I	ULC/XC3190	175-CPGA ^e	I

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- Feasibility required.
- Limitations may apply to RAM size.
- 3.3-V part.
- Confirm availability with TEMIC sales representative.

Temperature Ranges

- C = Commercial (0 to 70°C)
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 M = Military (-55 to 125°C)
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ULC™ Cross-Reference

Device	ULC Device	Package	Temp
XC3190A-3PQ208C XC3190-3PQ208C XC3190A-4PQ208C XC3190-4PQ208C	ULC/XC3190	208-PQFP	C
XC3190A-4PQ208I XC3190-4PQ208I	ULC/XC3190	208-PQFP	I
XC3190A-5PQ208C XC3190-5PQ208C	ULC/XC3190	208-PQFP	C
XC3190A-5PQ208I XC3190-5PQ208I	ULC/XC3190	208-PQFP	I
XC3195A-3PC84C XC3195-3PC84C XC3195A-4PC84C XC3195-4PC84C	ULC/XC3195	84-PLCC	C
XC3195A-4PC84I XC3195-4PC84I	ULC/XC3195	84-PLCC	I
XC3195A-5PC84C XC3195-5PC84C	ULC/XC3195	84-PLCC	C
XC3195A-5PC84I XC3195-5PC84I	ULC/XC3195	84-PLCC	I
XC3195A-3PQ160C XC3195-3PQ160C XC3195A-4PQ160C XC3195-4PQ160C	ULC/XC3195	160-PQFP	C
XC3195A-4PQ160I XC3195-4PQ160I	ULC/XC3195	160-PQFP	I
XC3195A-5PQ160C XC3195-5PQ160C	ULC/XC3195	160-PQFP	C
XC3195A-5PQ160I XC3195-5PQ160I	ULC/XC3195	160-PQFP	I
XC3195A-3PP175C XC3195-3PP175C XC3195A-4PP175C XC3195-4PP175C	ULC/XC3195	175-CPGA ^e	C
XC3195A-4PP175I XC3195-4PP175I	ULC/XC3195	175-CPGA ^e	I
XC3195A-5PP175C XC3195-5PP175C	ULC/XC3195	175-CPGA ^e	C
XC3195A-5PP175I XC3195-5PP175I	ULC/XC3195	175-CPGA ^e	I
XC3195A-3PQ208C XC3195-3PQ208C XC3195A-4PQ208C XC3195-4PQ208C	ULC/XC3195	208-PQFP	C
XC3195A-4PQ208I XC3195-4PQ208I	ULC/XC3195	208-PQFP	I
XC3195A-5PQ208C XC3195-5PQ208C	ULC/XC3195	208-PQFP	C
XC3195A-5PQ208I XC3195-5PQ208I	ULC/XC3195	208-PQFP	I
XC4002A-4PC84C ^b XC4002A-5PC84C ^b XC4002A-6PC84C ^b	ULC/XC4002	84-PLCC	C
XC4002A-6PC84I ^b	ULC/XC4002	84-PLCC	I
XC4002A-4PQ100C ^b XC4002A-5PQ100C ^b XC4002A-6PQ100C ^b	ULC/XC4002	100-PQFP	C
XC4002A-6PQ100I ^b	ULC/XC4002	100-PQFP	I
XC4002A-4TQ100C ^b XC4002A-5TQ100C ^b XC4002A-6TQ100C ^b	ULC/XC4002	100-TQFP	C

Device	ULC Device	Package	Temp
XC4002A-6TQ100I ^b	ULC/XC4002	100-TQFP	I
XC4003-4PC84C ^b XC4003A-4PC84C ^b XC4003-5PC84C ^b XC4003A-5PC84C ^b XC4003-6PC84C ^b XC4003A-6PC84C ^b	ULC/XC4003	84-PLCC	C
XC4003-6PC84I ^b XC4003A-6PC84I ^b	ULC/XC4003	84-PLCC	I
XC4003A-10CB100B ^b	ULC/XC4003	100-CQFP	/883
XC4003A-10CB100M ^b	ULC/XC4003	100-CQFP	M
XC4003A-6CB100B ^b	ULC/XC4003	100-CQFP	/883
XC4003A-6CB100M ^b	ULC/XC4003	100-CQFP	M
XC4003-4PQ100C ^b XC4003A-4PQ100C ^b XC4003-5PQ100C ^b XC4003A-5PQ100C ^b XC4003-6PQ100C ^b XC4003A-6PQ100C ^b	ULC/XC4003	100-PQFP	C
XC4003-6PQ100I ^b XC4003A-6PQ100I ^b	ULC/XC4003	100-PQFP	I
XC4003A-4TQ100C ^b XC4003A-5TQ100C ^b XC4003A-6TQ100C ^b	ULC/XC4003	100-TQFP	C
XC4003A-6TQ100I ^b	ULC/XC4003	100-TQFP	I
XC4003A-10PG120B ^b	ULC/XC4003	120-CPGA ^e	/883
XC4003A-10PG120M ^b	ULC/XC4003	120-CPGA ^e	M
XC4003A-6PG120B ^b	ULC/XC4003	120-CPGA ^e	/883
XC4003A-6PG120M ^b	ULC/XC4003	120-CPGA ^e	M
XC4003H-4PQ208C ^b XC4003H-5PQ208C ^b XC4003H-6PQ208C ^b	ULC/XC4003	208-PQFP	C
XC4003H-6PQ208I ^b	ULC/XC4003	208-PQFP	I
XC4004A-4PC84C ^b XC4004A-5PC84C ^b XC4004A-6PC84C ^b	ULC/XC4004	84-PLCC	C
XC4004A-6PC84I ^b	ULC/XC4004	84-PLCC	I
XC4004A-4TQ144C ^b XC4004A-5TQ144C ^b XC4004A-6TQ144C ^b	ULC/XC4004	144-TQFP	C
XC4004A-6TQ144I ^b	ULC/XC4004	144-TQFP	I
XC4004A-4PQ160C ^b XC4004A-5PQ160C ^b XC4004A-6PQ160C ^b	ULC/XC4004	160-PQFP	C
XC4004A-6PQ160I ^b	ULC/XC4004	160-PQFP	I
XC4005-4PL84C ^b XC4005A-4PL84C ^b XC4005-5PL84C ^b XC4005A-5PL84C ^b	ULC/XC4005	84-PLCC	C
XC4005-5PL84I ^b	ULC/XC4005	84-PLCC	I
XC4005-6PL84C ^b XC4005A-6PL84C ^b	ULC/XC4005	84-PLCC	C
XC4005-6PL84I ^b XC4005A-6PL84I ^b	ULC/XC4005	84-PLCC	I
XC4005A-4TQ144C ^b XC4005A-5TQ144C ^b XC4005A-6TQ144C ^b	ULC/XC4005	144-TQFP	C
XC4005A-6TQ144I ^b	ULC/XC4005	144-TQFP	I

Notes

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- Feasibility required.
- Limitations may apply to RAM size.
- 3.3-V part.
- Confirm availability with TEMIC sales representative.

Temperature Ranges

- C = Commercial (0 to 70°C)
 I = Industrial (-40 to 125°C)
 M = Military (-55 to 125°C)
 /883 = Full MIL-SPEC /883B.

Device	ULC Device	Package	Temp
XC4005-4PQ160C ^b XC4005A-4PQ160C ^b XC4005-5PQ160C ^b XC4005A-5PQ160C ^b	ULC/XC4005	160-PQFP	C
XC4005-5PQ160I ^b			
XC4005-6PQ160C ^b XC4005A-6PQ160C ^b			
XC4005-6PQ160I ^b XC4005A-6PQ160I ^b			
XC4005-4PQ208C ^b XC4005A-4PQ208C ^b XC4005-5PQ208C ^b XC4005A-5PQ208C ^b	ULC/XC4005	208-PQFP	C
XC4005-5PQ208I ^b			
XC4005-6PQ208C ^b XC4005A-6PQ208C ^b			
XC4005-6PQ208I ^b XC4005A-6PQ208I ^b			
XC4005H-4PQ240C ^b XC4005H-5PQ240C ^b XC4005H-6PQ240C ^b	ULC/XC4005	240-PQFP	C
XC4005H-6PQ240I ^b			
XC4006-4PQ160C ^b XC4006-5PQ160C ^b			
XC4006-5PQ160I ^b	ULC/XC4006	160-PQFP	I
XC4006-6PQ160C ^b	ULC/XC4006	160-PQFP	C
XC4006-6PQ160I ^b	ULC/XC4006	160-PQFP	I
XC4006-4PQ208C ^b XC4006-5PQ208C ^b	ULC/XC4006	208-PQFP	C
XC4006-5PQ208I ^b			
XC4006-6PQ208C ^b	ULC/XC4006	208-PQFP	C
XC4006-6PQ208I ^b	ULC/XC4006	208-PQFP	I
XC4008-4PQ208C ^b XC4008-4MQ208C ^b XC4008-5PQ208C ^b XC4008-5MQ208C ^b	ULC/XC4008	208-PQFP	C
XC4008-5PQ208I ^b XC4008-5MQ208I ^b			
XC4008-6PQ208C ^b XC4008-6MQ208C ^b			
XC4008-6PQ208I ^b XC4008-6MQ208I ^b			
XC4010-4PC84C ^b XC4010-5PC84C ^b XC4010D-5PC84C	ULC/XC4010	84-PLCC	C
XC4010-5PC84I ^b XC4010D-5PC84I			
XC4010-6PC84C ^b XC4010D-6PC84C			
XC4010-6PC84I ^b XC4010D-6PC84I	ULC/XC4010	84-PLCC	I
XC4010-4PQ160C ^b XC4010-5PQ160C ^b XC4010D-5PQ160C	ULC/XC4010	160-PQFP	C
XC4010-5PQ160I ^b XC4010D-5PQ160I			
XC4010-6PQ160C ^b XC4010D-6PQ160C			
XC4010-6PQ160I ^b XC4010D-6PQ160I	ULC/XC4010	160-PQFP	I

Device	ULC Device	Package	Temp
XC4010-10CB196B ^b	ULC/XC4010	196-CQFP	/883
XC4010-10CB196M ^b	ULC/XC4010	196-CQFP	M
XC4010-6CB196B ^b	ULC/XC4010	196-CQFP	/883
XC4010-6CB196M ^b	ULC/XC4010	196-CQFP	M
XC4010-4PQ208C ^b XC4010-4MQ208C ^b XC4010-5PQ208C ^b XC4010-5MQ208C ^b	ULC/XC4010	208-PQFP	C
XC4010-5PQ208I ^b XC4010-5MQ208I ^b			
XC4010-6PQ208C ^b XC4010-6MQ208C ^b			
XC4010-6PQ208I ^b XC4010-6MQ208I ^b			
XC4013-4MQ208C ^b	ULC/XC4013	208-PQFP	C
XC4013-4PQ240C ^b	ULC/XC4013	240-PQFP	C
XC4025-5MQ208C ^b XC4025-6MQ208C ^b	ULC/XC4025	208-PQFP	C
XC4025-6MQ208I ^b			
XC7236A-16PC44C ^b XC7236A-16WC44C ^b	ULC/XC7236	44-PLCC	C
XC7236A-16PC44I ^b XC7236A-16WC44I ^b			
XC7236A-20PC44C ^b XC7236A-20WC44C ^b	ULC/XC7236	44-PLCC	C
XC7236A-20PC44I ^b XC7236A-20WC44I ^b			
XC7236A-25PC44C ^b XC7236A-25WC44C ^b	ULC/XC7236	44-PLCC	C
XC7236A-25PC44I ^b XC7236A-25WC44I ^b			
XC7272A-16PC68C ^b XC7272A-16WC68C ^b	ULC/XC7272	68-PLCC	C
XC7272A-16PC68I ^b XC7272A-16WC68I ^b			
XC7272A-20PC68C ^b XC7272A-20WC68C ^b	ULC/XC7272	68-PLCC	C
XC7272A-20PC68I ^b XC7272A-20WC68I ^b			
XC7272A-25PC68C ^b XC7272A-25WC68C ^b	ULC/XC7272	68-PLCC	C
XC7272A-25PC68I ^b XC7272A-25WC68I ^b			
XC7272A-16PC84C ^b XC7272A-16WC84C ^b	ULC/XC7272	84-PLCC	C
XC7272A-16PC84I ^b XC7272A-16WC84I ^b			
XC7272A-20PC84C ^b XC7272A-20WC84C ^b	ULC/XC7272	84-PLCC	C
XC7272A-20PC84I ^b XC7272A-20WC84I ^b			
XC7272A-25PC84C ^b XC7272A-25WC84C ^b	ULC/XC7272	84-PLCC	C
XC7272A-25PC84I ^b XC7272A-25WC84I ^b			
XC7336-12WC44M ^b XC7336-15WC44M ^b	ULC/XC7336	44-CLCCJ	M
XC7336-10PC44C ^b XC7336-10WC44C ^b	ULC/XC7336	44-PLCC	C

Notes

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- Feasibility required.
- Limitations may apply to RAM size.
- 3.3-V part.
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Temperature Ranges

- C = Commercial (0 to 70°C)
 I = Industrial (-40 to 125°C)
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 /883 = Full MIL-SPEC /883B.

Device	ULC Device	Package	Temp
XC7336-10PC44I ^b XC7336-10WC44I ^b	ULC/XC7336	44-PLCC	I
XC7336-12PC44C ^b XC7336-12WC44C ^b	ULC/XC7336	44-PLCC	C
XC7336-12PC44I ^b XC7336-12WC44I ^b	ULC/XC7336	44-PLCC	I
XC7336-15PC44C ^b XC7336-15WC44C ^b	ULC/XC7336	44-PLCC	C
XC7336-15PC44I ^b XC7336-15WC44I ^b	ULC/XC7336	44-PLCC	I
XC7336-7PC44C ^b XC7336-7WC44C ^b	ULC/XC7336	44-PLCC	C
XC7354-12WC44M ^b XC7354-15WC44M ^b	ULC/XC7354	44-CLCCJ	M
XC7354-10PC44C ^b XC7354-10WC44C ^b	ULC/XC7354	44-PLCC	C
XC7354-10PC44I ^b XC7354-10WC44I ^b	ULC/XC7354	44-PLCC	I
XC7354-12PC44C ^b XC7354-12WC44C ^b	ULC/XC7354	44-PLCC	C
XC7354-12PC44I ^b XC7354-12WC44I ^b	ULC/XC7354	44-PLCC	I
XC7354-15PC44C ^b XC7354-15WC44C ^b	ULC/XC7354	44-PLCC	C
XC7354-15PC44I ^b XC7354-15WC44I ^b	ULC/XC7354	44-PLCC	I
XC7354-12WC68M ^b XC7354-15WC68M ^b	ULC/XC7354	68-CLCCJ	M
XC7354-10PC68C ^b XC7354-10WC68C ^b	ULC/XC7354	68-PLCC	C
XC7354-10PC68I ^b XC7354-10WC68I ^b	ULC/XC7354	68-PLCC	I
XC7354-12PC68C ^b XC7354-12WC68C ^b	ULC/XC7354	68-PLCC	C
XC7354-12PC68I ^b XC7354-12WC68I ^b	ULC/XC7354	68-PLCC	I
XC7354-15PC68C ^b XC7354-15WC68C ^b	ULC/XC7354	68-PLCC	C
XC7354-15PC68I ^b XC7354-15WC68I ^b	ULC/XC7354	68-PLCC	I
XC7372-12WC68M ^b XC7372-15WC68M ^b	ULC/XC7372	68-CLCCJ	M
XC7372-10PC68C ^b XC7372-10WC68C ^b	ULC/XC7372	68-PLCC	C
XC7372-10PC68I ^b XC7372-10WC68I ^b	ULC/XC7372	68-PLCC	I

Device	ULC Device	Package	Temp
XC7372-12PC68C ^b XC7372-12WC68C ^b	ULC/XC7372	68-PLCC	C
XC7372-12PC68I ^b XC7372-12WC68I ^b	ULC/XC7372	68-PLCC	I
XC7372-15PC68C ^b XC7372-15WC68C ^b	ULC/XC7372	68-PLCC	C
XC7372-15PC68I ^b XC7372-15WC68I ^b	ULC/XC7372	68-PLCC	I
XC7372-12WC84M ^b XC7372-15WC84M ^b	ULC/XC7372	84-CLCCJ	M
XC7372-12PG84M ^b XC7372-15PG84M ^b	ULC/XC7372	84-CPGA ^e	M
XC7372-10PC84C ^b XC7372-10WC84C ^b	ULC/XC7372	84-PLCC	C
XC7372-10PC84I ^b XC7372-10WC84I ^b	ULC/XC7372	84-PLCC	I
XC7372-12PC84C ^b XC7372-12WC84C ^b	ULC/XC7372	84-PLCC	C
XC7372-12PC84I ^b XC7372-12WC84I ^b	ULC/XC7372	84-PLCC	I
XC7372-15PC84C ^b XC7372-15WC84C ^b	ULC/XC7372	84-PLCC	C
XC7372-15PC84I ^b XC7372-15WC84I ^b	ULC/XC7372	84-PLCC	I
XC73108-15WC84M ^b XC73108-20WC84M ^b	ULC/XC73108	84-CLCCJ	M
XC73108-10PC84C ^b XC73108-10WC84C ^b XC73108-12PC84C ^b XC73108-12WC84C ^b	ULC/XC73108	84-PLCC	C
XC73108-12PC84I ^b XC73108-12WC84C ^b	ULC/XC73108	84-PLCC	I
XC73108-15PC84C ^b XC73108-15WC84C ^b	ULC/XC73108	84-PLCC	C
XC73108-15PC84I ^b XC73108-15WC84I ^b	ULC/XC73108	84-PLCC	I
XC73108-20PC84C ^b XC73108-20WC84C ^b	ULC/XC73108	84-PLCC	C
XC73108-20PC84I ^b XC73108-20WC84I ^b	ULC/XC73108	84-PLCC	I
XC73108-10PQ160C ^b XC73108-12PQ160C ^b	ULC/XC73108	160-PQFP	C
XC73108-12PQ160I ^b	ULC/XC73108	160-PQFP	I
XC73108-15PQ160C ^b	ULC/XC73108	160-PQFP	C
XC73108-15PQ160I ^b	ULC/XC73108	160-PQFP	I
XC73108-20PQ160C ^b	ULC/XC73108	160-PQFP	C
XC73108-20PQ160I ^b	ULC/XC73108	160-PQFP	I

This Cross Reference material is accurate to the best knowledge and belief of Matra MHS. Since individual circuit design and layout can influence device performance, the purchaser must be responsible for the ultimate selection and determination of interchangeability.

Notes

- ULC may be too fast, check faster PLD.
- Feasibility required.
- Limitations may apply to RAM size.
- 3.3-V part.
- Confirm availability with TEMIC sales representative.

Temperature Ranges

- C = Commercial (0 to 70°C)
 I = Industrial (-40 to 125°C)
 M = Military (-55 to 125°C)
 /883 = Full MIL-SPEC /883B.