



AN02037: XCORE Part Number List

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This document contains lists of XMOS part numbers and part markings for all XMOS product families.

Caution: Part numbers and markings are subject to change. Please refer to the latest datasheet for the most up-to-date information.

1 XCORE.AI Part Numbers

Table 1 below lists XCORE.AI part numbers, part markings, available packages, temperature and speed grades. For package identification purposes:

- ▶ TQ128 is a 32 pin a-side TQFP measuring 14x14 mm (0.4mm pitch)
- ▶ QF60 is a 15 pin a-side QFN measuring 7x7 mm (0.4mm pitch)
- ▶ FB265 is a 17 ball a-side FBGA measuring 14x14 mm (0.8mm pitch)

Table 1: XCORE.AI

Part Number	Marking	Pack- age	Temp Grade	Speed MHz	Status
XU316-1024-TQ128-I24	V16A0I6	TQ128	I	600	Active
XU316-1024-TQ128-C24	V16A0	TQ128	C	600	Active
XU316-1024-QF60B-I32	V16A0I8	QF60	I	800	Active
XU316-1024-QF60B-I24-CY	V16A0CY	QF60	C	600	Active
XU316-1024-QF60B-I24	V16A0I6	QF60	I	600	Active
XU316-1024-QF60B-C32-DX	V16A0DX0	QF60	C	800	Active
XU316-1024-QF60B-C32	V16A0C8	QF60	C	800	Active
XU316-1024-QF60B-C24	V16A0	QF60	C	600	Active
XU316-1024-QF60A-I32	V16A0I8	QF60	I	800	Active
XU316-1024-QF60A-I24	V16A0I6	QF60	I	600	Active
XU316-1024-QF60A-C32	V16A0C8	QF60	C	800	Active
XU316-1024-QF60A-C24	V16A0	QF60	C	600	Active
XU316-1024-FB265-I32	V16A0I8	FB265	I	800	Active
XU316-1024-FB265-I24	V16A0I6	FB265	I	600	Active
XU316-1024-FB265-C32	V16A0C8	FB265	C	800	Active
XU316-1024-FB265-C24	V16A0	FB265	C	600	Active

2 XCORE200 Part Numbers

Table 2 below lists XCORE-200 part numbers, part markings, available packages, temperature and speed grades. For package identification purposes:

- ▶ TQ128 is a 32 pin a-side TQFP measuring 14x14 mm (0.4mm pitch)
- ▶ TQ64 is a 16 pin a-side TQFP measuring 10x10 mm (0.5mm pitch)
- ▶ QF48 is a 12 pin a-side QFN measuring 6x6 mm (0.4mm pitch)
- ▶ FB236 is a 19 ball a-side FBGA measuring 10x10 mm (0.5mm pitch)

Table 2: XCORE-200

Part Number	Marking	Pack- age	Temp Grade	Speed MHz	Status
XE232-1024-FB374-I40	E032A0I40	FB374	I	500	Active
XE232-1024-FB374-C40	E032A0C40	FB374	C	500	Active
XE216-512-TQ128-I20	E01690I20	TQ128	I	500	Active
XE216-512-TQ128-C20	E01690C20	TQ128	C	500	Active
XE216-512-FB236-I20	E01690I20	FB236	I	500	Active
XE216-512-FB236-C20	E01690C20	FB236	C	500	Active
XEF232-1024-FB374-I40A	E032A2I40	FB374	I	500	Active
XEF232-1024-FB374-C40A	E032A2C40	FB374	C	500	Active
XHRA-2HPA-TQ64-C	HPA20C	TQ64	C		EOL
XL232-512-FB374-I40	L13290I40	FB374	I	500	Active
XL232-512-FB374-C40	L13290C40	FB374	C	500	Active
XL232-1024-FB374-I40	L132A0I40	FB374	I	500	Active
XL232-1024-FB374-C40	L132A0C40	FB374	C	500	Active
XL224-512-FB374-I40	L12490I40	FB374	I	500	Active
XL224-512-FB374-C40	L12490C40	FB374	C	500	Active
XL224-1024-FB374-I40	L124A0I40	FB374	I	500	Active
XL224-1024-FB374-C40	L124A0C40	FB374	C	500	Active
XL216-512-TQ128-I20	L11690I20	TQ128	I	500	Active
XL216-512-TQ128-C20	L11690C20	TQ128	C	500	Active
XL216-512-FB236-I20	L11690I20	FB236	I	500	Active
XL216-512-FB236-C20	L11690C20	FB236	C	500	Active
XL216-256-TQ128-I20	L11680I20	TQ128	I	500	Active
XL216-256-TQ128-C20	L11680C20	TQ128	C	500	Active
XL216-256-FB236-I20	L11680I20	FB236	I	500	Active
XL216-256-FB236-C20	L11680C20	FB236	C	500	Active
XL212-512-TQ128-I20	L11290I20	TQ128	I	500	Active
XL212-512-TQ128-C20	L11290C20	TQ128	C	500	Active
XL212-512-FB236-I20	L11290I20	FB236	I	500	Active
XL212-512-FB236-C20	L11290C20	FB236	C	500	Active
XL212-256-TQ128-I20	L11280I20	TQ128	I	500	Active
XL212-256-TQ128-C20	L11280C20	TQ128	C	500	Active
XL212-256-FB236-I20	L11280I20	FB236	I	500	Active

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Table 2 – continued from previous page

Part Number	Marking	Pack- age	Temp Grade	Speed MHz	Status
XL212-256-FB236-C20	L11280C20	FB236	C	500	Active
XL210-512-TQ128-I20	L11090I20	TQ128	I	500	Active
XL210-512-TQ128-C20	L11090C20	TQ128	C	500	Active
XL210-512-FB236-I20	L11090I20	FB236	I	500	Active
XL210-512-FB236-C20	L11090C20	FB236	C	500	Active
XL210-256-TQ128-I20	L11080I20	TQ128	I	500	Active
XL210-256-TQ128-C20	L11080C20	TQ128	C	500	Active
XL210-256-FB236-I20	L11080I20	FB236	I	500	Active
XL210-256-FB236-C20	L11080C20	FB236	C	500	Active
XL208-256-TQ64-I10	L30880I10	TQ64	I	500	Active
XL208-256-TQ64-C10	L30880C10	TQ64	C	500	Active
XL208-256-TQ128-I10	L30880I10	TQ128	I	500	Active
XL208-256-TQ128-C10	L30880C10	TQ128	C	500	Active
XL208-256-FB236-I10	L30880I10	FB236	I	500	Active
XL208-256-FB236-C10	L30880C10	FB236	C	500	Active
XL208-128-TQ64-I10	L30870I10	TQ64	I	500	Active
XL208-128-TQ64-C10	L30870C10	TQ64	C	500	Active
XL208-128-TQ128-I10	L30870I10	TQ128	I	500	Active
XL208-128-TQ128-C10	L30870C10	TQ128	C	500	Active
XL208-128-FB236-I10	L30870I10	FB236	I	500	Active
XL208-128-FB236-C10	L30870C10	FB236	C	500	Active
XLF232-512-FB374-I40A	L13292I40	FB374	I	500	Active
XLF232-512-FB374-C40A	L13292C40	FB374	C	500	Active
XLF232-1024-FB374-I40A	L132A2I40	FB374	I	500	Active
XLF232-1024-FB374-C40A	L132A2C40	FB374	C	500	Active
XLF224-512-FB374-I40A	L12492I40	FB374	I	500	Active
XLF224-512-FB374-C40A	L12492C40	FB374	C	500	Active
XLF224-1024-FB374-I40A	L124A2I40	FB374	I	500	Active
XLF224-1024-FB374-C40A	L124A2C40	FB374	C	500	Active
XLF216-512-TQ128-I20A	L11692I20	TQ128	I	500	Active
XLF216-512-TQ128-C20A	L11692C20	TQ128	C	500	Active
XLF216-512-FB236-I20A	L11692I20	FB236	I	500	Active
XLF216-512-FB236-C20A	L11692C20	FB236	C	500	Active
XLF216-256-TQ128-I20A	L11682I20	TQ128	I	500	Active
XLF216-256-TQ128-C20A	L11682C20	TQ128	C	500	Active
XLF216-256-FB236-I20A	L11682I20	FB236	I	500	Active
XLF216-256-FB236-C20A	L11682C20	FB236	C	500	Active
XLF212-512-TQ128-I20A	L11292I20	TQ128	I	500	Active
XLF212-512-TQ128-C20A	L11292C20	TQ128	C	500	Active
XLF212-512-FB236-I20A	L11292I20	FB236	I	500	Active
XLF212-512-FB236-C20A	L11292C20	FB236	C	500	Active
XLF212-256-TQ128-I20A	L11282I20	TQ128	I	500	Active

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Table 2 – continued from previous page

Part Number	Marking	Pack- age	Temp Grade	Speed MHz	Status
XLF212-256-TQ128-C20A	L11282C20	TQ128	C	500	Active
XLF212-256-FB236-I20A	L11282I20	FB236	I	500	Active
XLF212-256-FB236-C20A	L11282C20	FB236	C	500	Active
XLF210-512-TQ128-I20A	L11092I20	TQ128	I	500	Active
XLF210-512-TQ128-C20A	L11092C20	TQ128	C	500	Active
XLF210-512-FB236-I20A	L11092I20	FB236	I	500	Active
XLF210-512-FB236-C20A	L11092C20	FB236	C	500	Active
XLF210-256-TQ128-I20A	L11082I20	TQ128	I	500	Active
XLF210-256-TQ128-C20A	L11082C20	TQ128	C	500	Active
XLF210-256-FB236-I20A	L11082I20	FB236	I	500	Active
XLF210-256-FB236-C20A	L11082C20	FB236	C	500	Active
XLF208-256-TQ64-I10A	L30881I10	TQ64	I	500	Active
XLF208-256-TQ64-C10A	L30881C10	TQ64	C	500	Active
XLF208-256-TQ128-I10A	L30881I10	TQ128	I	500	Active
XLF208-256-TQ128-C10A	L30881C10	TQ128	C	500	Active
XLF208-256-FB236-I10A	L30881I10	FB236	I	500	Active
XLF208-256-FB236-C10A	L30881C10	FB236	C	500	Active
XLF208-128-TQ64-I10A	L30871I10	TQ64	I	500	Active
XLF208-128-TQ64-C10A	L30871C10	TQ64	C	500	Active
XLF208-128-TQ128-I10A	L30871I10	TQ128	I	500	Active
XLF208-128-TQ128-C10A	L30871C10	TQ128	C	500	Active
XLF208-128-FB236-I10A	L30871I10	FB236	I	500	Active
XLF208-128-FB236-C10A	L30871C10	FB236	C	500	Active
XU232-512-FB374-I40	U13290I40	FB374	I	500	Active
XU232-512-FB374-C40	U13290C40	FB374	C	500	Active
XU232-1024-FB374-I40	U132A0I40	FB374	I	500	Active
XU232-1024-FB374-C40	U132A0C40	FB374	C	500	Active
XU224-512-FB374-I40	U12490I40	FB374	I	500	Active
XU224-512-FB374-C40	U12490C40	FB374	C	500	Active
XU224-1024-FB374-I40	U124A0I40	FB374	I	500	Active
XU224-1024-FB374-C40	U124A0C40	FB374	C	500	Active
XU216-512-TQ128-I20	U11690I20	TQ128	I	500	Active
XU216-512-TQ128-C20	U11690C20	TQ128	C	500	Active
XU216-512-FB236-I20	U11690I20	FB236	I	500	Active
XU216-512-FB236-C20	U11690C20	FB236	C	500	Active
XU216-256-TQ128-I20	U11680I20	TQ128	I	500	Active
XU216-256-TQ128-C20	U11680C20	TQ128	C	500	Active
XU216-256-FB236-I20	U11680I20	FB236	I	500	Active
XU216-256-FB236-C20	U11680C20	FB236	C	500	Active
XU212-512-TQ128-I20	U11290I20	TQ128	I	500	Active
XU212-512-TQ128-C20	U11290C20	TQ128	C	500	Active
XU212-512-FB236-I20	U11290I20	FB236	I	500	Active

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Table 2 – continued from previous page

Part Number	Marking	Pack- age	Temp Grade	Speed MHz	Status
XU212-512-FB236-C20	U11290C20	FB236	C	500	Active
XU212-256-TQ128-I20	U11280I20	TQ128	I	500	Active
XU212-256-TQ128-C20	U11280C20	TQ128	C	500	Active
XU212-256-FB236-I20	U11280I20	FB236	I	500	Active
XU212-256-FB236-C20	U11280C20	FB236	C	500	Active
XU210-512-TQ128-I20	U11090I20	TQ128	I	500	Active
XU210-512-TQ128-C20	U11090C20	TQ128	C	500	Active
XU210-512-FB236-I20	U11090I20	FB236	I	500	Active
XU210-512-FB236-C20	U11090C20	FB236	C	500	Active
XU210-256-TQ128-I20	U11080I20	TQ128	I	500	Active
XU210-256-TQ128-C20	U11080C20	TQ128	C	500	Active
XU210-256-FB236-I20	U11080I20	FB236	I	500	Active
XU210-256-FB236-C20	U11080C20	FB236	C	500	Active
XU208-256-TQ64-I10	U30880I10	TQ64	I	500	Active
XU208-256-TQ64-C10	U30880C10	TQ64	C	500	Active
XU208-256-TQ128-I10	U30880I10	TQ128	I	500	Active
XU208-256-TQ128-C10	U30880C10	TQ128	C	500	Active
XU208-256-QF48-I10	U30880I10	QF48	I	500	Active
XU208-256-QF48-C10	U30880C10	QF48	C	500	Active
XU208-128-TQ64-I10	U30870I10	TQ64	I	500	Active
XU208-128-TQ64-C10	U30870C10	TQ64	C	500	Active
XU208-128-TQ128-I10	U30870I10	TQ128	I	500	Active
XU208-128-TQ128-C10	U30870C10	TQ128	C	500	Active
XU208-128-QF48-I10	U30870I10	QF48	I	500	Active
XU208-128-QF48-C10	U30870C10	QF48	C	500	Active
XUF232-512-FB374-I40A	U13292I40	FB374	I	500	Active
XUF232-512-FB374-C40A	U13292C40	FB374	C	500	Active
XUF232-1024-FB374-I40A	U132A2I40	FB374	I	500	Active
XUF232-1024-FB374-C40A	U132A2C40	FB374	C	500	Active
XUF224-512-FB374-I40A	U12492I40	FB374	I	500	Active
XUF224-512-FB374-C40A	U12492C40	FB374	C	500	Active
XUF224-1024-FB374-I40A	U124A2I40	FB374	I	500	Active
XUF224-1024-FB374-C40A	U124A2C40	FB374	C	500	Active
XUF216-512-TQ128-I20A	U11692I20	TQ128	I	500	Active
XUF216-512-TQ128-C20A	U11692C20	TQ128	C	500	Active
XUF216-512-FB236-I20A	U11692I20	FB236	I	500	Active
XUF216-512-FB236-C20A	U11692C20	FB236	C	500	Active
XUF216-256-TQ128-I20A	U11682I20	TQ128	I	500	Active
XUF216-256-TQ128-C20A	U11682C20	TQ128	C	500	Active
XUF216-256-FB236-I20A	U11682I20	FB236	I	500	Active
XUF216-256-FB236-C20A	U11682C20	FB236	C	500	Active
XUF212-512-TQ128-I20A	U11292I20	TQ128	I	500	Active

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Table 2 – continued from previous page

Part Number	Marking	Pack- age	Temp Grade	Speed MHz	Status
XUF212-512-TQ128-C20A	U11292C20	TQ128	C	500	Active
XUF212-512-FB236-I20A	U11292I20	FB236	I	500	Active
XUF212-512-FB236-C20A	U11292C20	FB236	C	500	Active
XUF212-256-TQ128-I20A	U11282I20	TQ128	I	500	Active
XUF212-256-TQ128-C20A	U11282C20	TQ128	C	500	Active
XUF212-256-FB236-I20A	U11282I20	FB236	I	500	Active
XUF212-256-FB236-C20A	U11282C20	FB236	C	500	Active
XUF210-512-TQ128-I20A	U11092I20	TQ128	I	500	Active
XUF210-512-TQ128-C20A	U11092C20	TQ128	C	500	Active
XUF210-512-FB236-I20A	U11092I20	FB236	I	500	Active
XUF210-512-FB236-C20A	U11092C20	FB236	C	500	Active
XUF210-256-TQ128-I20A	U11082I20	TQ128	I	500	Active
XUF210-256-TQ128-C20A	U11082C20	TQ128	C	500	Active
XUF210-256-FB236-I20A	U11082I20	FB236	I	500	Active
XUF210-256-FB236-C20A	U11082C20	FB236	C	500	Active
XUF208-256-TQ64-I10A	U30881I10	TQ64	I	500	Active
XUF208-256-TQ64-C10A	U30881C10	TQ64	C	500	Active
XUF208-256-TQ128-I10A	U30881I10	TQ128	I	500	Active
XUF208-256-TQ128-C10A	U30881C10	TQ128	C	500	Active
XUF208-256-QF48-I10A	U30881I10	QF48	I	500	Active
XUF208-256-QF48-C10A	U30881C10	QF48	C	500	Active
XUF208-128-TQ64-I10A	U30871I10	TQ64	I	500	Active
XUF208-128-TQ64-C10A	U30871C10	TQ64	C	500	Active
XUF208-128-TQ128-I10A	U30871I10	TQ128	I	500	Active
XUF208-128-TQ128-C10A	U30871C10	TQ128	C	500	Active
XUF208-128-QF48-I10A	U30871I10	QF48	I	500	Active
XUF208-128-QF48-C10A	U30871C10	QF48	C	500	Active
XVSM-2000-TQ64-C	VSM00C	TQ64	C		EOL
XVSM-2000-TQ128-C	VSM00C	TQ128	C		EOL

3 VocalFusion Part Numbers

Table 3 below lists VocalFusion part numbers, part markings, available packages, temperature ranges.

For package identification purposes:

- ▶ TQ128 is a 32 pin a-side TQFP measuring 14x14 mm (0.4mm pitch)
- ▶ QF60 is a 15 pin a-side QFN measuring 7x7 mm (0.4mm pitch)

Table 3: VocalFusion

Part Number	Marking	Pack- age	Temp Grade	Speed MHz	Status
XVF3800-QF60B-C	V16A0VF3	QF60	C		Active
XVF3615-QF60B-C	V16A0VF2	QF60	C		NRND
XVF3610-QF60B-I	V16A0VF1I	QF60	I		Active
XVF3610-QF60B-C	V16A0VF1	QF60	C		Active
XVF3610-QF60A-I	V16A0VF1I	QF60	I		Active
XVF3610-QF60A-C	V16A0VF1	QF60	C		Active
XVF3600-QF60B-C	V16A0VF0	QF60	C		LTB
XVF3510-QF60-C	VSM06C	QF60	C		NRND
XVF3500-FB167-C	VSM05C	FB167	C		NRND
XVF3100-TQ128-CA	VSM02C	TQ128	C		LTB
XVF3000-TQ128-CA	VSM01C	TQ128	C		LTB

4 XS1-L, XS1-U, XS1-A Part Numbers

Table 4 below lists XS1-L, XS1-U, and XS1-A part numbers, part markings, packages, temperature and speed grades. For package identification purposes:

- ▶ TQ128 is a 32 pin a-side TQFP measuring 14x14 mm (0.4mm pitch)
- ▶ LQ64 is a 16 pin a-side LQFP measuring 10x10 mm (0.5mm pitch)
- ▶ TQ48 is a 12 pin a-side TQFP measuring 7x7 mm (0.5mm pitch)
- ▶ FB374 is a 18 ball a-side FBGA measuring 14x14 mm (0.8mm pitch)

Note: All XS1 parts are no longer available.

In the table below, the 'yyww' code in the marking column on some parts is a date code. On these older parts there is no dedicated part code. The marking scheme was changed to a dedicated part code marking later in the production run.

Table 4: XS1-L, XS1-U, XS1-A

Part Number	Marking	Pack- age	Temp Grade	Speed MHz	Status
XS1-SU01A-FB96-I5	SKyywwS1 I5	FB96	I	500	EOL
XS1-SU01A-FB96-C5	SKyywwS1	FB96	C	500	EOL
XS1-U8A-64-FB96-I6	8U6I6	FB96	I	600	EOL
XS1-U8A-64-FB96-I5	8U6I5	FB96	I	500	EOL
XS1-U8A-64-FB96-I5	8U6I5	FB96	I	500	EOL
XS1-U8A-64-FB96-C7	8U6C7	FB96	C	700	EOL
XS1-U8A-64-FB96-C6	8U6C6	FB96	C	600	EOL
XS1-U8A-64-FB96-C5	8U6C5	FB96	C	500	EOL
XS1-U8A-64-FB96-C5	8U6C5	FB96	C	500	EOL
XS1-U8A-128-FB217-I10	8U7I10	FB217	I	500	EOL
XS1-U8A-128-FB217-C10	8U7C10	FB217	C	500	EOL
XS1-U6A-64-FB96-I5	6U6I5	FB96	I	500	EOL
XS1-U6A-64-FB96-I5	6U6I5	FB96	I	500	EOL
XS1-U6A-64-FB96-C5	6U6C5	FB96	C	500	EOL
XS1-U6A-64-FB96-C5	6U6C5	FB96	C	500	EOL
XS1-U16A-128-FB217-I10	16U7I10	FB217	I	500	EOL
XS1-U16A-128-FB217-C10	16U7C10	FB217	C	500	EOL
XS1-U12A-128-FB217-I10	12U7I10	FB217	I	500	EOL
XS1-U12A-128-FB217-C10	12U7C10	FB217	C	500	EOL
XS1-U10A-128-FB217-I10	10U7I10	FB217	I	500	EOL
XS1-U10A-128-FB217-C10	10U7C10	FB217	C	500	EOL
XS1-L8A-64-TQ48-I5	8L6I5	TQ48	I	500	EOL
XS1-L8A-64-TQ48-I5	8L6I5	TQ48	I	500	EOL
XS1-L8A-64-TQ48-I4	8L6I4	TQ48	I	400	EOL
XS1-L8A-64-TQ48-I4	8L6I4	TQ48	I	400	EOL

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Table 4 – continued from previous page

Part Number	Marking	Pack- age	Temp Grade	Speed MHz	Status
XS1-L8A-64-TQ48-C5	8L6C5	TQ48	C	500	EOL
XS1-L8A-64-TQ48-C5	8L6C5	TQ48	C	500	EOL
XS1-L8A-64-TQ48-C4	8L6C4	TQ48	C	400	EOL
XS1-L8A-64-TQ48-C4	8L6C4	TQ48	C	400	EOL
XS1-L8A-64-TQ128-I5	8L6I5	TQ128	I	500	EOL
XS1-L8A-64-TQ128-I5	8L6I5	TQ128	I	500	EOL
XS1-L8A-64-TQ128-I4	8L6I4	TQ128	I	400	EOL
XS1-L8A-64-TQ128-I4	8L6I4	TQ128	I	400	EOL
XS1-L8A-64-TQ128-C5	8L6C5	TQ128	C	500	EOL
XS1-L8A-64-TQ128-C5	8L6C5	TQ128	C	500	EOL
XS1-L8A-64-TQ128-C4	8L6C4	TQ128	C	400	EOL
XS1-L8A-64-TQ128-C4	8L6C4	TQ128	C	400	EOL
XS1-L8A-64-LQ64-I5	8L6I5	LQ64	I	500	EOL
XS1-L8A-64-LQ64-I5	8L6I5	LQ64	I	500	EOL
XS1-L8A-64-LQ64-I4	8L6I4	LQ64	I	400	EOL
XS1-L8A-64-LQ64-I4	8L6I4	LQ64	I	400	EOL
XS1-L8A-64-LQ64-C5	8L6C5	LQ64	C	500	EOL
XS1-L8A-64-LQ64-C5	8L6C5	LQ64	C	500	EOL
XS1-L8A-64-LQ64-C4	8L6C4	LQ64	C	400	EOL
XS1-L8A-64-LQ64-C4	8L6C4	LQ64	C	400	EOL
XS1-L8A-128-QF124-I8	8L7I8	QF124	I	400	EOL
XS1-L8A-128-QF124-I8	8L7I8	QF124	I	400	EOL
XS1-L8A-128-QF124-I10	8L7I10	QF124	I	500	EOL
XS1-L8A-128-QF124-I10	8L7I10	QF124	I	500	EOL
XS1-L8A-128-QF124-C8	8L7C8	QF124	C	400	EOL
XS1-L8A-128-QF124-C8	8L7C8	QF124	C	400	EOL
XS1-L8A-128-QF124-C10	8L7C10	QF124	C	500	EOL
XS1-L8A-128-QF124-C10	8L7C10	QF124	C	500	EOL
XS1-L6A-64-TQ48-I5	6L6I5	TQ48	I	500	EOL
XS1-L6A-64-TQ48-I4	6L6I4	TQ48	I	400	EOL
XS1-L6A-64-TQ48-C5	6L6C5	TQ48	C	500	EOL
XS1-L6A-64-TQ48-C4	6L6C4	TQ48	C	400	EOL
XS1-L6A-64-TQ128-I5	6L6I5	TQ128	I	500	EOL
XS1-L6A-64-TQ128-I4	6L6I4	TQ128	I	400	EOL
XS1-L6A-64-TQ128-C5	6L6C5	TQ128	C	500	EOL
XS1-L6A-64-TQ128-C4	6L6C4	TQ128	C	400	EOL
XS1-L6A-64-LQ64-I5	6L6I5	LQ64	I	500	EOL
XS1-L6A-64-LQ64-I4	6L6I4	LQ64	I	400	EOL
XS1-L6A-64-LQ64-C5	6L6C5	LQ64	C	500	EOL
XS1-L6A-64-LQ64-C4	6L6C4	LQ64	C	400	EOL
XS1-L4A-64-TQ48-I4	4L6L4	TQ48	I	400	EOL
XS1-L4A-64-TQ48-C4	4L6C4	TQ48	C	400	EOL

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Table 4 – continued from previous page

Part Number	Marking	Pack- age	Temp Grade	Speed MHz	Status
XS1-L16A-128-QF124-I8	16L7I8	QF124	I	400	EOL
XS1-L16A-128-QF124-I8	16L7I8	QF124	I	400	EOL
XS1-L16A-128-QF124-I10	16L7I10	QF124	I	500	EOL
XS1-L16A-128-QF124-I10	16L7I10	QF124	I	500	EOL
XS1-L16A-128-QF124-C8	16L7C8	QF124	C	400	EOL
XS1-L16A-128-QF124-C8	16L7C8	QF124	C	400	EOL
XS1-L16A-128-QF124-C10	16L7C10	QF124	C	500	EOL
XS1-L16A-128-QF124-C10	16L7C10	QF124	C	500	EOL
XS1-L12A-128-QF124-I8	12L7I8	QF124	I	400	EOL
XS1-L12A-128-QF124-I8	12L7I8	QF124	I	400	EOL
XS1-L12A-128-QF124-I10	12L7I10	QF124	I	500	EOL
XS1-L12A-128-QF124-I10	12L7I10	QF124	I	500	EOL
XS1-L12A-128-QF124-C8	12L7C8	QF124	C	400	EOL
XS1-L12A-128-QF124-C8	12L7C8	QF124	C	400	EOL
XS1-L12A-128-QF124-C10	12L7C10	QF124	C	500	EOL
XS1-L12A-128-QF124-C10	12L7C10	QF124	C	500	EOL
XS1-L10A-128-QF124-I8	10L7I8	QF124	I	400	EOL
XS1-L10A-128-QF124-I8	10L7I8	QF124	I	400	EOL
XS1-L10A-128-QF124-I10	10L7I10	QF124	I	500	EOL
XS1-L10A-128-QF124-I10	10L7I10	QF124	I	500	EOL
XS1-L10A-128-QF124-C8	10L7C8	QF124	C	400	EOL
XS1-L10A-128-QF124-C8	10L7C8	QF124	C	400	EOL
XS1-L10A-128-QF124-C10	10L7C10	QF124	C	500	EOL
XS1-L10A-128-QF124-C10	10L7C10	QF124	C	500	EOL
XS1-L02A-QF124-I5	USyywwL2 I5	QF124	I	500	EOL
XS1-L02A-QF124-I5	USyywwL2 I5	QF124	I	500	EOL
XS1-L02A-QF124-I4	USyywwL2 I4	QF124	I	400	EOL
XS1-L02A-QF124-I4	USyywwL2 I4	QF124	I	400	EOL
XS1-L02A-QF124-C5	USyywwL2 C5	QF124	C	500	EOL
XS1-L02A-QF124-C5	USyywwL2 C5	QF124	C	500	EOL
XS1-L02A-QF124-C4	USyywwL2	QF124	C	400	EOL
XS1-L02A-QF124-C4	USyywwL2	QF124	C	400	EOL
XS1-L01A-TQ48-C5	USyywwL1 C5	TQ48	C	500	EOL
XS1-L01A-TQ48-C5	USyywwL1 C5	TQ48	C	500	EOL
XS1-L01A-TQ48-C4	USyywwL1	TQ48	C	400	EOL
XS1-L01A-TQ48-C4	USyywwL1	TQ48	C	400	EOL
XS1-L01A-TQ128-I5	USyywwL1 I5	TQ128	I	500	EOL
XS1-L01A-TQ128-I5	USyywwL1 I5	TQ128	I	500	EOL
XS1-L01A-TQ128-I4	USyywwL1 I4	TQ128	I	400	EOL
XS1-L01A-TQ128-I4	USyywwL1 I4	TQ128	I	400	EOL
XS1-L01A-TQ128-C5	USyywwL1 C5	TQ128	C	500	EOL
XS1-L01A-TQ128-C5	USyywwL1 C5	TQ128	C	500	EOL

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Table 4 – continued from previous page

Part Number	Marking	Pack- age	Temp Grade	Speed MHz	Status
XS1-L01A-TQ128-C4	USyywwL1	TQ128	C	400	EOL
XS1-L01A-TQ128-C4	USyywwL1	TQ128	C	400	EOL
XS1-L01A-LQ64-I5	USyywwL1 I5	LQ64	I	500	EOL
XS1-L01A-LQ64-I5	USyywwL1 I5	LQ64	I	500	EOL
XS1-L01A-LQ64-I4	USyywwL1 I4	LQ64	I	400	EOL
XS1-L01A-LQ64-I4	USyywwL1 I4	LQ64	I	400	EOL
XS1-L01A-LQ64-C5	USyywwL1 C5	LQ64	C	500	EOL
XS1-L01A-LQ64-C5	USyywwL1 C5	LQ64	C	500	EOL
XS1-L01A-LQ64-C4	USyywwL1	LQ64	C	400	EOL
XS1-L01A-LQ64-C4	USyywwL1	LQ64	C	400	EOL
XS1-A8A-64-FB96-I5	8A6I5	FB96	I	500	EOL
XS1-A8A-64-FB96-I4	8A6I4	FB96	I	400	EOL
XS1-A8A-64-FB96-C5	8A6C5	FB96	C	500	EOL
XS1-A8A-64-FB96-C4	8A6C4	FB96	C	400	EOL
XS1-A8A-128-FB217-I8	8A7I8	FB217	I	400	EOL
XS1-A8A-128-FB217-I10	8A7I10	FB217	I	500	EOL
XS1-A8A-128-FB217-C8	8A7C8	FB217	C	400	EOL
XS1-A8A-128-FB217-C10	8A7C10	FB217	C	500	EOL
XS1-A6A-64-FB96-I5	6A6I5	FB96	I	500	EOL
XS1-A6A-64-FB96-I4	6A6I4	FB96	I	400	EOL
XS1-A6A-64-FB96-C5	6A6C5	FB96	C	500	EOL
XS1-A6A-64-FB96-C4	6A6C4	FB96	C	400	EOL
XS1-A16A-128-FB217-I8	16A7I8	FB217	I	400	EOL
XS1-A16A-128-FB217-I10	16A7I10	FB217	I	500	EOL
XS1-A16A-128-FB217-C8	16A7C8	FB217	C	400	EOL
XS1-A16A-128-FB217-C10	16A7C10	FB217	C	500	EOL
XS1-A12A-128-FB217-I8	12A7I8	FB217	I	400	EOL
XS1-A12A-128-FB217-I10	12A7I10	FB217	I	500	EOL
XS1-A12A-128-FB217-C8	12A7C8	FB217	C	400	EOL
XS1-A12A-128-FB217-C10	12A7C10	FB217	C	500	EOL
XS1-A10A-128-FB217-I8	10A7I8	FB217	I	400	EOL
XS1-A10A-128-FB217-I10	10A7I10	FB217	I	500	EOL
XS1-A10A-128-FB217-C8	10A7C8	FB217	C	400	EOL
XS1-A10A-128-FB217-C10	10A7C10	FB217	C	500	EOL

5 XS1-G Part Numbers

Table 5 below lists XS1-G part numbers, part markings, packages, temperature and speed grades. For package identification purposes:

- ▶ FB144 is a 12 ball a-side FBGA measuring 11x11 mm (0.8mm pitch)
- ▶ FB512 is a 24 ball a-side FBGA measuring 20x20 mm (0.8mm pitch)

Note: All XS1-G parts are no longer available.

In the table below, the 'yyww' code in the marking column is a date code. On these parts there is no dedicated part code.

Table 5: XS1-G

Part Number	Marking	Pack- age	Temp Grade	Speed MHz	Status
XS1-G04A-FB512-C4	UCyywwG4	FB512	C	400	EOL
XS1-G04A-FB512-C4	USyywwG4	FB512	C	400	EOL
XS1-G02A-FB144-C4	UCyywwG2	FB144	C	400	EOL
XS1-G02A-FB144-C4	USyywwG2	FB144	C	400	EOL



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