Revision 1.0.0
PDN Issue Date: 06/01/2017

PRODUCT DISCONTINUANCE NOTIFICATION PDN1708

Description

Intel Programmable Solutions Group ("Intel PSG", formerly Altera) is discontinuing the following configuration device product families:

- EPC standard (excluding EPC2)
- EPC enhanced
- EPCS
- EPCQ (=< 128Mb)

The device family ordering codes are listed in Attachment 1A, 1B, 1C.

Reason for Change

Intel PSG's current flash vendor is shutting down its production line for these product families, without an alternative. Intel PSG will offer an alternative device from a new vendor for EPCS 4Mb and above, and EPCQ devices up to 128Mb density. Customers using EPCS 1Mb devices may migrate to alternative 4Mb devices. All alternative devices will be footprint compatible with existing EPCS/Q devices. Support for alternative devices will be included in version 17.1 of Quartus Prime.

EPCQL and EPCQ devices 256Mb and above are not included in the scope of this Product Discontinuance. Intel PSG will continue to make available the EPCQL and EPCQ 256Mb and larger devices by building ahead 10-12 years of inventory with no changes applied to these specific devices. Intel PSG will issue a separate advisory (ADV notification) describing the strategy for continued support of the 256Mb and larger EPCQL & EPCQ devices, along with a complete list of the ordering codes

Key Obsolescence Dates

Device Family	Last Order Acceptance [1]	Last Time Shipments
EPC standard (excluding EPC2)	December 1, 2017	September 1, 2018
EPC enhanced	December 1, 2017	September 1, 2018
EPCS	February 22, 2018	June 1, 2021
EPCQ (=< 128Mb)	February 22, 2018	June 1, 2021

[1] Orders will become non-cancellable, non-reschedule, non-returnable on the last order acceptance date.

Products Affected

See Attachment 1A – 1C for complete list of the affected OPNs (ordering part numbers). Please refer to the contact information provided below for any questions or requests for assistance.

Contact

For more information and assistance, please contact Sales or Customer Service in your region, or submit a Service Request at Intel PSG's mySupport website.

Customer Notifications Subscription

Customers that have subscribed to Intel PSG's customer notification mailing list will receive updates automatically via email.

If you would like to receive customer notifications by email, please subscribe to our customer notification mailing list at https://www.altera.com/subscriptions/email/signup/eml-index.jsp

Revision History

Date	Rev	Description
06/01/2017	1.0.0	Initial Release

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Attachment 1A
Affected Ordering Part Numbers (OPNs) – EPC Standard

Discontinued Ordering Code	Device Family	LTB	LTS	Notes
EPC1064LC20	EPC Standard	12/1/2017	9/1/2018	No replacement
EPC1064PI8	EPC Standard	12/1/2017	9/1/2018	No replacement
EPC1213LI20	EPC Standard	12/1/2017	9/1/2018	No replacement
EPC1213PI8	EPC Standard	12/1/2017	9/1/2018	No replacement
EPC1441LC20N	EPC Standard	12/1/2017	9/1/2018	No replacement
EPC1441LI20N	EPC Standard	12/1/2017	9/1/2018	No replacement
EPC1441PI8	EPC Standard	12/1/2017	9/1/2018	No replacement
EPC1441TC32N	EPC Standard	12/1/2017	9/1/2018	No replacement
EPC1441TI32N	EPC Standard	12/1/2017	9/1/2018	No replacement
EPC1LC20N	EPC Standard	12/1/2017	9/1/2018	No replacement
EPC1LI20N	EPC Standard	12/1/2017	9/1/2018	No replacement
EPC1PC8CC	EPC Standard	12/1/2017	9/1/2018	No replacement
EPC1PI8N	EPC Standard	12/1/2017	9/1/2018	No replacement
EPC1064PC8	EPC Standard	12/1/2017	9/1/2018	No replacement
EPC1213LC20	EPC Standard	12/1/2017	9/1/2018	No replacement
EPC1213PC8	EPC Standard	12/1/2017	9/1/2018	No replacement
EPC1441LC20	EPC Standard	12/1/2017	9/1/2018	No replacement
EPC1441LI20	EPC Standard	12/1/2017	9/1/2018	No replacement
EPC1441PC8	EPC Standard	12/1/2017	9/1/2018	No replacement
EPC1441TC32	EPC Standard	12/1/2017	9/1/2018	No replacement
EPC1441TI32	EPC Standard	12/1/2017	9/1/2018	No replacement
EPC1LC20	EPC Standard	12/1/2017	9/1/2018	No replacement
EPC1LI20	EPC Standard	12/1/2017	9/1/2018	No replacement
EPC1PC8	EPC Standard	12/1/2017	9/1/2018	No replacement
EPC1PI8	EPC Standard	12/1/2017	9/1/2018	No replacement

Attachment 1B
Affected Ordering Part Numbers (OPNs) – EPC Enhanced

Discontinued Ordering Code	Device Family	LTB	LTS	Notes
EPC16UI88N	EPC Enhanced	12/1/2017	9/1/2018	No replacement
EPC16UC88SS	EPC Enhanced	N/A	N/A	No replacement; Discontinued custom device
EPC16UC88II	EPC Enhanced	12/1/2017	9/1/2018	No replacement
EPC16UC88	EPC Enhanced	12/1/2017	9/1/2018	No replacement
EPC16QI100	EPC Enhanced	12/1/2017	9/1/2018	No replacement
EPC16QC100N	EPC Enhanced	12/1/2017	9/1/2018	No replacement
EPC16QC100DM	EPC Enhanced	12/1/2017	9/1/2018	No replacement
EPC8QI100N	EPC Enhanced	12/1/2017	9/1/2018	No replacement
EPC8QC100N	EPC Enhanced	12/1/2017	9/1/2018	No replacement
EPC8QC100	EPC Enhanced	12/1/2017	9/1/2018	No replacement
EPC4QI100	EPC Enhanced	12/1/2017	9/1/2018	No replacement
EPC4QC100	EPC Enhanced	12/1/2017	9/1/2018	No replacement
EPC16UI88AA	EPC Enhanced	12/1/2017	9/1/2018	No replacement
EPC16UC88N	EPC Enhanced	12/1/2017	9/1/2018	No replacement
EPC16UC88AB	EPC Enhanced	12/1/2017	9/1/2018	No replacement
EPC16QI100N	EPC Enhanced	12/1/2017	9/1/2018	No replacement
EPC16QC100SS	EPC Enhanced	N/A	N/A	No replacement; Discontinued custom device
EPC16QC100II	EPC Enhanced	12/1/2017	9/1/2018	No replacement
EPC16QC100	EPC Enhanced	12/1/2017	9/1/2018	No replacement
EPC8QI100	EPC Enhanced	12/1/2017	9/1/2018	No replacement
EPC8QC100DM	EPC Enhanced	12/1/2017	9/1/2018	No replacement
EPC4QI100N	EPC Enhanced	12/1/2017	9/1/2018	No replacement
EPC4QC100N	EPC Enhanced	12/1/2017	9/1/2018	No replacement

Attachment 1C
Affected Ordering Part Numbers (OPNs) – EPCS, EPCQ

Discontinued Ordering Code	Device Family	Alternative Ordering Code	LTB	LTS	Notes
EPCS128SI16N	EPCS	EPCQ128ASI16N	2/22/2018	6/1/2021	
EPCS64SI16N	EPCS	EPCQ64ASI16N	2/22/2018	6/1/2021	
EPCS16SI8N	EPCS	EPCQ16ASI8N	2/22/2018	6/1/2021	
EPCS4SI8N	EPCS	EPCQ4ASI8N	2/22/2018	6/1/2021	
EPCS4SI8	EPCS	EPCQ4ASI8N	2/22/2018	6/1/2021	
EPCS1SI8N	EPCS	EPCQ4ASI8N	2/22/2018	6/1/2021	
EPCS1SI8	EPCS	EPCQ4ASI8N	2/22/2018	6/1/2021	
EPCS64SI16NGA	EPCS	None	N/A	N/A	Discontinued custom device
EPCS4SI8NAA	EPCS	None	N/A	N/A	Discontinued custom device
EPCV4SI8N	EPCS	None	N/A	N/A	Discontinued custom device

Discontinued Ordering Code	Device Family	Alternative Ordering Code	LTB	LTS	Notes
EPCQ128SI16N	EPCQ	EPCQ128ASI16N	2/22/2018	6/1/2021	
EPCQ64SI16N	EPCQ	EPCQ64ASI16N	2/22/2018	6/1/2021	
EPCQ32SI8N	EPCQ	EPCQ32ASI8N	2/22/2018	6/1/2021	
EPCQ16SI8N	EPCQ	EPCQ16ASI8N	2/22/2018	6/1/2021	

	Discontinued Ordering Code	Device Family	Alternative Ordering Code	LTB	LTS	Notes
1	EPC1064LC20	EPC Standard		2017/12/1	2018/9/1	No replacement
2	EPC1064PI8	EPC Standard		2017/12/1	2018/9/1	No replacement
3	EPC1213LI20	EPC Standard		2017/12/1	2018/9/1	No replacement
4	EPC1213PI8	EPC Standard		2017/12/1	2018/9/1	No replacement
5	EPC1441LC20N	EPC Standard		2017/12/1	2018/9/1	No replacement
6	EPC1441LI20N	EPC Standard		2017/12/1	2018/9/1	No replacement
7	EPC1441PI8	EPC Standard		2017/12/1	2018/9/1	No replacement
8	EPC1441TC32N	EPC Standard		2017/12/1	2018/9/1	No replacement
9	EPC1441TI32N	EPC Standard		2017/12/1	2018/9/1	No replacement
10	EPC1LC20N	EPC Standard		2017/12/1	2018/9/1	No replacement
11	EPC1LI20N	EPC Standard		2017/12/1	2018/9/1	No replacement
12	EPC1PC8CC	EPC Standard		2017/12/1	2018/9/1	No replacement
13	EPC1PI8N	EPC Standard		2017/12/1	2018/9/1	No replacement
14	EPC1064PC8	EPC Standard		2017/12/1	2018/9/1	No replacement
15	EPC1213LC20	EPC Standard		2017/12/1	2018/9/1	No replacement
16	EPC1213PC8	EPC Standard		2017/12/1	2018/9/1	No replacement
17	EPC1441LC20	EPC Standard		2017/12/1	2018/9/1	No replacement
18	EPC1441LI20	EPC Standard		2017/12/1	2018/9/1	No replacement
19	EPC1441PC8	EPC Standard		2017/12/1	2018/9/1	No replacement
20	EPC1441TC32	EPC Standard		2017/12/1	2018/9/1	No replacement
21	EPC1441TI32	EPC Standard		2017/12/1	2018/9/1	No replacement
22	EPC1LC20	EPC Standard		2017/12/1	2018/9/1	No replacement
23	EPC1LI20	EPC Standard		2017/12/1	2018/9/1	No replacement
24	EPC1PC8	EPC Standard		2017/12/1	2018/9/1	No replacement
25	EPC1PI8	EPC Standard		2017/12/1	2018/9/1	No replacement
26	EPC16UI88N	EPC Enhanced		2017/12/1	2018/9/1	No replacement
27	EPC16UC88SS	EPC Enhanced		N/A	N/A	No replacement; Discontinued custom device
28	EPC16UC88II	EPC Enhanced		2017/12/1	2018/9/1	No replacement
29	EPC16UC88	EPC Enhanced		2017/12/1	2018/9/1	No replacement
30	EPC16QI100	EPC Enhanced		2017/12/1	2018/9/1	No replacement
31	EPC16QC100N	EPC Enhanced		2017/12/1	2018/9/1	No replacement
32	EPC16QC100DM	EPC Enhanced		2017/12/1	2018/9/1	No replacement
33	EPC8QI100N	EPC Enhanced		2017/12/1	2018/9/1	No replacement
34	EPC8QC100N	EPC Enhanced		2017/12/1	2018/9/1	No replacement
35	EPC8QC100	EPC Enhanced		2017/12/1	2018/9/1	No replacement
36	EPC4QI100	EPC Enhanced		2017/12/1	2018/9/1	No replacement
37	EPC4QC100	EPC Enhanced		2017/12/1	2018/9/1	No replacement
38	EPC16UI88AA	EPC Enhanced		2017/12/1	2018/9/1	No replacement
39	EPC16UC88N	EPC Enhanced		2017/12/1	2018/9/1	No replacement
40	EPC16UC88AB	EPC Enhanced		2017/12/1	2018/9/1	No replacement
41	EPC16QI100N	EPC Enhanced		2017/12/1	2018/9/1	No replacement
42	EPC16QC100SS	EPC Enhanced		N/A	N/A	No replacement; Discontinued custom device
43	EPC16QC100II	EPC Enhanced		2017/12/1	2018/9/1	No replacement
44	EPC16QC100	EPC Enhanced		2017/12/1	2018/9/1	No replacement
45	EPC8QI100	EPC Enhanced		2017/12/1	2018/9/1	No replacement
46	EPC8QC100DM	EPC Enhanced		2017/12/1	2018/9/1	No replacement
47	EPC4QI100N	EPC Enhanced		2017/12/1	2018/9/1	No replacement
48	EPC4QC100N	EPC Enhanced		2017/12/1	2018/9/1	No replacement
49	EPCS128SI16N	EPCS	EPCQ128ASI16N	2018/2/22	2021/6/1	
50	EPCS64SI16N	EPCS	EPCQ64ASI16N	2018/2/22	2021/6/1	
51	EPCS16SI8N	EPCS	EPCQ16ASI8N	2018/2/22	2021/6/1	
52	EPCS4SI8N	EPCS	EPCQ4ASI8N	2018/2/22	2021/6/1	

	Discontinued Ordering Code	Device Family	Alternative Ordering Code	LTB	LTS	Notes
53	EPCS4SI8	EPCS	EPCQ4ASI8N	2018/2/22	2021/6/1	
54	EPCS1SI8N	EPCS	EPCQ4ASI8N	2018/2/22	2021/6/1	
55	EPCS1SI8	EPCS	EPCQ4ASI8N	2018/2/22	2021/6/1	
56	EPCS64SI16NGA	EPCS	None	N/A	N/A	Discontinued custom device
57	EPCS4SI8NAA	EPCS	None	N/A	N/A	Discontinued custom device
58	EPCV4SI8N	EPCS	None	N/A	N/A	Discontinued custom device
59	EPCQ128SI16N	EPCQ	EPCQ128ASI16N	2018/2/22	2021/6/1	
60	EPCQ64SI16N	EPCQ	EPCQ64ASI16N	2018/2/22	2021/6/1	
61	EPCQ32SI8N	EPCQ	EPCQ32ASI8N	2018/2/22	2021/6/1	
62	EPCQ16SI8N	EPCQ	EPCQ16ASI8N	2018/2/22	2021/6/1	