



OBS031510IF1

## Product Obsolescence Notification

**Issue Date: 01<sup>st</sup> April 2010**

Dear Customer,

As part of Avago bi-annual review of its Industrial Fiber Optic product portfolio, it has been decided, we will be withdrawing from the manufacture of the products listed below, from 1st September 2010. The reasons for the obsolescence are based on different factors, including

RoHS compliance (as per European Directive) and volume of sales, especially for specific customer solutions (Q-parts) and non catalogue standard parts.

Standard/Special Part Number	Last Time Buy Date	Last Time Ship Date	Recommended RoHS- compliant Part Number
HFBR-1312T	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-1312TZ
HFBR-1412Z-MT	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	no replacement
HFBR-1414TKZ	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	no replacement
HFBR-1505A	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-1505AZ
HFBR-1505C	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-1505CZ
HFBR-1506AM	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-1506AMZ
HFBR-1515B	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-1515BZ
HFBR-1517	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-1517Z
HFBR-1520	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-1520Z
HFBR-1523	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-1523Z
HFBR-1524	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-1524Z
HFBR-1525E	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-1525EZ
HFBR-1526	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-1526Z
HFBR-1527U	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	no replacement
HFBR-1527UZ	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	no replacement
HFBR-1531	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-1531Z
HFBR-1533	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-1533Z
HFBR-1537	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-1537Z
HFBR-1540	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	no replacement
HFBR-1602MZ	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	no replacement
HFBR-2505A	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-2505AZ
HFBR-2505C	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-2505CZ
HFBR-2506AM	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-2506AMZ
HFBR-2510	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-2510Z
HFBR-2512	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	no replacement
HFBR-2515B	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-2515BZ
HFBR-2523-00A	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	no replacement
HFBR-2524	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-2524Z
HFBR-2525E	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-2525EZ

Standard/Special Part Number	Last Time Buy Date	Last Time Ship Date	Recommended RoHS- compliant Part Number
HFBR-2526	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-2526Z
HFBR-2526U	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	no replacement
HFBR-2526UZ	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	no replacement
HFBR-2533	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-2533Z
HFBR-2536	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-2536Z
HFBR-2540	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	no replacement
HFBR-2541	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-2541Z
HFBR-4120	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-4120Z
HFBR-4401	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-4401Z
HFBR-4402	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-4402Z
HFBR-4411	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-4411Z
HFBR-4501	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-4501Z
HFBR-4503	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-4503Z
HFBR-4505	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-4505Z
HFBR-4506	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-4506Z
HFBR-4511	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-4511Z
HFBR-4513	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-4513Z
HFBR-4515	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-4515Z
HFBR-4516	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-4516Z
HFBR-4521	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-4521Z
HFBR-4522	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-4522Z
HFBR-4525	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-4525Z
HFBR-4526	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-4526Z
HFBR-4531	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-4531Z
HFBR-4532	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-4532Z
HFBR-4533	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-4533Z
HFBR-4535	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-4535Z
HFBR-4593	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-4593Z
HFBR-4597	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-4597Z
HFBR-END035	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-END035Z
HFBR-EUD500	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-EUD500Z
HFBR-EUS100	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-EUS100Z
HFBR-EUS500	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-EUS500Z
HFBR-PMD003	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	no replacement
HFBR-PUD100	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-PUD100Z
HFBR-PUD500	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-PUD500Z
HFBR-PUS500	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-PUS500Z
HFBR-QUS500	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-QUS500Z
HFBR-RLS001	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-RLS001Z
HFBR-RLS010	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-RLS010Z
HFBR-RMD001	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-RMD001Z
HFBR-RMD002	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-RMD002Z
HFBR-RMD003	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-RMD003Z
HFBR-RMD005	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-RMD005Z
HFBR-RMD010	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-RMD010Z
HFBR-RNS001	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-RNS001Z
HFBR-RNS002	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-RNS002Z
HFBR-RNS005	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-RNS005Z
HFBR-RNS010	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-RNS010Z
HFBR-RTD001	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-RTD001Z
HFBR-RTD010	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-RTD010Z
HFBR-RTD45D	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-RTD45DZ
HFBR-RUD100	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-RUD100Z

Standard/Special Part Number	Last Time Buy Date	Last Time Ship Date	Recommended RoHS- compliant Part Number
HFBR-RUD500	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-RUD500Z
HFBR-RUS100	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-RUS100Z
HFBR-RUS500	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-RUS500Z
HFBR-RWS002	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-RWS002Z
HFBR-T409TZ	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	no replacement
QFBR-1232Z	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	no replacement
QFBR-1237Z	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-1404Z
QFBR-1407Z	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	no replacement
QFBR-1430Z	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	no replacement
QFBR-1445Z	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	no replacement
QFBR-1548	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	QFBR-1548Z
QFBR-1549	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	QFBR-1549Z
QFBR-1561	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	QFBR-1561Z
QFBR-1567	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	no replacement
QFBR-1567Z	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	no replacement
QFBR-1570	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	QFBR-1570Z
QFBR-1573	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	QFBR-1573Z
QFBR-1581	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-1521Z
QFBR-1581Z	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-1521Z
QFBR-1699T	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-1602Z
QFBR-2150	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	QFBR-2150Z
QFBR-2232Z	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	no replacement
QFBR-2234Z	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	no replacement
QFBR-2236	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-2414Z
QFBR-2236Z	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-2414Z
QFBR-2237	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-2404Z
QFBR-2237Z	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-2404Z
QFBR-2548	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	QFBR-2548Z
QFBR-2573	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	QFBR-2573Z
QFBR-2579	01 <sup>st</sup> April 2010	01 <sup>st</sup> September 2010	HFBR-2528Z
QFBR-2579Z	01 <sup>st</sup> April 2010	01 <sup>st</sup> September 2010	HFBR-2528Z
QFBR-2698T	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	no replacement
QFBR-2699T	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	no replacement
QFBR-3651	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	QFBR-3651Z
QFBR-3891	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	no replacement
QFBR-3894	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	no replacement
QFBR-3895	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	no replacement
QFBR-5581	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-1528Z & HFBR-2528Z
QFBR-5583	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	no replacement
QFBR-5583Z	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	no replacement
QFBR-5584	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-1521Z & HFBR-2521Z
QFBR-5584Z	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-1521Z & HFBR-2521Z
QFBR-5591	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	QFBR-5591Z
QFBR-5594	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	QFBR-5594Z
QFBR-5595	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	QFBR-5595Z
QFBR-R300Z	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	no replacement
QFBR-R458Z	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	no replacement
QFBR-R459Z	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	no replacement
QFBR-R462Z	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-2412Z
QFBR-R463Z	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	no replacement
QFBR-R470Z	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	no replacement
QFBR-R509	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	no replacement
QFBR-R515	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	no replacement

Standard/Special Part Number	Last Time Buy Date	Last Time Ship Date	Recommended RoHS- compliant Part Number
QFBR-R517	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-2531Z
QFBR-T455	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-1412
QFBR-T458Z	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	no replacement
QFBR-T459Z	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	no replacement
QFBR-T462Z	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	no replacement
QFBR-T501	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	QFBR-T501Z
QFBR-T503	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-1531Z
QFBR-T503Z	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-1531Z
QFBR-T506	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	no replacement
QFBR-T516	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-1505CZ
QFBR-T516Z	01 <sup>st</sup> September 2010	01 <sup>st</sup> February 2011	HFBR-1505CZ

This obsolescence will take effect 01<sup>st</sup> September 2010.

The key milestones are:

1. Formal Customer notification (1<sup>st</sup> April, 2010)
2. Final customer order date by (02<sup>nd</sup> August 2010)
3. Final ship date to customer by (01<sup>st</sup> February 2011)

Customers are strongly encouraged to switch to the available recommended RoHS-compliant replacement parts stated above. Avago Technologies is willing to provide free samples of these parts for customer evaluation.

Avago Technologies reserves the right to limit last time buy quantities based on capacity and material availability. If you have any questions about this obsolescence, please do not hesitate to contact your local Avago Technologies sales representative or authorized distributors.

AVAGO Fiber Division  
**Avago Technologies**