

21 July 2008



**Avago Technologies
Product Material Declaration (China RoHS Certificate of Compliance)**

A) The following products are compliant to Management Methods for Controlling Pollution Caused by Electronic Information Products Regulation, Ministry of Information Industry, order no. 39:

Summary of Avago Technologies compliance Products (21 July 2008, Rev03)

Product Description: Fiber Optics SM Discrete Products, Pin-Through-Hole Products and Industrial Fiber Evaluation Kits.

Avago p/n:

AFBR-53D5E	HFBR-0561	HFBR-5205AT	HFBR-5805A
AFBR-53D5EM	HFBR-0562	HFBR-5205J	HFBR-5805AT
AFBR-53D5FM	HFBR-0563	HFBR-5205P	HFBR-5805T
AFBR-5921AL	HFBR-0564	HFBR-5205PE	HFBR-5903
AFBR-5921ALQ	HFBR-0565	HFBR-5205PF	HFBR-5903A
AFBR-5923AL	HFBR-0566	HFBR-5205T	HFBR-5903E
AFBR-59D1AL	HFBR-0570	HFBR-5208	HFBR-5905
AFBR-59L1AGE	HFBR-0571	HFBR-5208AEM	HFBR-5905A
AFBR-59L1AL	HFBR-0572	HFBR-5208AFM	HFBR-5905E
AFBR-59M5AL	HFBR-0573	HFBR-5208AM	HFBR-5907
AFCT-5179A	HFBR-0574	HFBR-5208EM	HFBR-5911AL
AFCT-5179B	HFBR-0575	HFBR-5208FM	HFBR-5911L
AFCT-5179C	HFBR-1115T	HFBR-5208M	HFBR-5912E
AFCT-5179D	HFBR-1116T	HFBR-5302	HFBR-5921AL
HFBR-0310	HFBR-1119T	HFBR-5305EC	HFBR-5921ALQ
HFBR-0319	HFBR-2115T	HFBR-5305FC	HFBR-5921L
HFBR-0400	HFBR-2116T	HFBR-5320	HFBR-5921LQ
HFBR-0410	HFBR-2119T	HFBR-53A3	HFBR-5923L
HFBR-0414	HFBR-5003	HFBR-53A3VFM	HFBR-5930
HFBR-0416	HFBR-5103	HFBR-53A5	HFBR-5961AG
HFBR-0501	HFBR-5103A	HFBR-53A5EM	HFBR-5961AL
HFBR-0527H	HFBR-5103AT	HFBR-53A5VEM	HFBR-5961G
HFBR-0527P	HFBR-5103J	HFBR-53A5VFM	HFBR-5961L
HFBR-0528	HFBR-5103P	HFBR-53B3EM	HFBR-5963AL
HFBR-0534	HFBR-5103PE	HFBR-53D3	HFBR-5963L
HFBR-0535	HFBR-5103PF	HFBR-53D3EM	HFBR-5983L
HFBR-0536	HFBR-5103T	HFBR-53D3FM	HFBR-5984L
HFBR-0537	HFBR-5111	HFBR-53D5	HFBR-5984LQ
HFBR-0538	HFBR-5112	HFBR-53D5E	HFBR-59C1L
HFBR-0539	HFBR-5113	HFBR-53D5EM	HFBR-59D1AL
HFBR-0540	HFBR-5204	HFBR-53D5FM	HFBR-59D1L
HFBR-0541	HFBR-5204P	HFBR-5803	HFBR-59L1AGE
HFBR-0553	HFBR-5204T	HFBR-5803A	HFBR-59L1AL
HFBR-0555	HFBR-5205	HFBR-5803AT	HFBR-59L1AQL
HFBR-0559	HFBR-5205A	HFBR-5803T	HFBR-59M5AL
HFBR-0560	HFBR-5205AP	HFBR-5805	HFBR-59M5L

HFCT-5103B	HFCT-5801D	HFCT-5951TG	LST2525-D-EC/AM
HFCT-5103D	HFCT-5805A	HFCT-5951TL	LST2525-D-EC/B9
HFCT-5179A	HFCT-5805AM	HFCT-5952ATG	LST2525-D-FP/AM
HFCT-5179B	HFCT-5805B	HFCT-5952ATL	LST2525-D-FP/B5
HFCT-5179C	HFCT-5805C	HFCT-5952NG	LST2525-D-FP/B9
HFCT-5179D	HFCT-5805D	HFCT-5952NL	LST2525-D-FP/CG
HFCT-5199C	HFCT-5899A	HFCT-5952TG	LST2525-D-SC/B9
HFCT-5199D	HFCT-5899B	HFCT-5952TL	LST2525-D-SC/C1
HFCT-5205A	HFCT-5899C	HFCT-5953ATG	LST2525-T-FA/A9
HFCT-5205AEM	HFCT-5899D	HFCT-5953ATL	LST2525-T-FP
HFCT-5205AFM	HFCT-5911ATL	HFCT-5953TG	LST2525-T-SC
HFCT-5205AM	HFCT-5911QTL	HFCT-5953TL	LST2525-T-ST
HFCT-5205B	HFCT-5914ATL	HFCT-5954ATG	LST2825-B/C1
HFCT-5205BE	HFCT-5921TL	HFCT-5954ATL	LST2825-B-AS/A3
HFCT-5205BF	HFCT-5941AG	HFCT-5954TG	LST2825-B-AS/C1
HFCT-5205C	HFCT-5941AL	HFCT-5954TL	LST2825-D-EC/A9
HFCT-5205D	HFCT-5941ATG	HFCT-5961ATG	LST2825-D-EC/C7
HFCT-5205EM	HFCT-5941ATL	HFCT-5961ATL	LST2825-D-FP/A9
HFCT-5205FM	HFCT-5941G	HFCT-5961NG	LST2825-D-FP/B5
HFCT-5205M	HFCT-5941L	HFCT-5961NL	LST2825-D-LE/C9
HFCT-5208AEM	HFCT-5941TG	HFCT-5961TG	LST2825-D-SC/C7
HFCT-5208AFM	HFCT-5941TL	HFCT-5961TL	LST2825-D-SC/C9
HFCT-5208AM	HFCT-5942AG	HFCT-5962ATG	LST2825-T-AS/A3
HFCT-5208EM	HFCT-5942AL	HFCT-5962ATL	LST2825-T-FP
HFCT-5208FM	HFCT-5942ATG	HFCT-5962NG	LST2825-T-SC
HFCT-5208M	HFCT-5942ATL	HFCT-5962NL	LST2825-T-SC/AD
HFCT-5215B	HFCT-5942G	HFCT-5962TG	LST2825-T-ST
HFCT-5215D	HFCT-5942L	HFCT-5962TL	QFBR-1149
HFCT-5259B	HFCT-5942TG	HFCT-5963ATG	QFBR-1150
HFCT-5259EMS	HFCT-5942TL	HFCT-5963ATL	QFBR-2150
HFCT-5269B	HFCT-5943AG	HFCT-5963NG	QFBR-5112
HFCT-5269D	HFCT-5943AL	HFCT-5963NL	QFBR-5145
HFCT-5269SB	HFCT-5943ATG	HFCT-5963QNL	QFBR-5214
HFCT-53A3EM	HFCT-5943ATL	HFCT-5963TG	QFBR-5233
HFCT-53A3FM	HFCT-5943G	HFCT-5963TL	QFBR-5233A
HFCT-53A3M	HFCT-5943L	HFCT-5964ATG	QFBR-5235
HFCT-53A5EM	HFCT-5943TG	HFCT-5964ATL	QFBR-5236
HFCT-53A5FM	HFCT-5943TL	HFCT-5964NG	QFBR-5247
HFCT-53A5M	HFCT-5944AG	HFCT-5964NL	QFBR-5249B
HFCT-53B3EM	HFCT-5944AL	HFCT-5964QNL	QFBR-5261FM
HFCT-53B3FM	HFCT-5944ATG	HFCT-5964TG	QFBR-5263M
HFCT-53B3M	HFCT-5944ATL	HFCT-5964TL	QFBR-5268EM
HFCT-53B5EM	HFCT-5944G	HFCT-5971AL	QFBR-5319
HFCT-53D3M	HFCT-5944L	HFCT-5971L	QFBR-5333
HFCT-53D5EM	HFCT-5944TG	HFCT-59L1ATL	QFBR-5335
HFCT-53D5FM	HFCT-5944TL	LST0623-SC-A	QFBR-5336
HFCT-53D5M	HFCT-5951ATG	LST0623-SC-A/A6	QFBR-5337
HFCT-5801A	HFCT-5951ATL	LST0627-SC-A	QFBR-53A4
HFCT-5801B	HFCT-5951NG	LST2525-D/B5	QFBR-53D4
HFCT-5801C	HFCT-5951NL	LST2525-D/C1	QFBR-53D5HD

QFBR-53D6	QFCT-5268EM	QFCT-5999TL	XMT5170B155LD
QFBR-53D9EM	QFCT-5269A	RCV1551-AS	XMT5170B155SC
QFBR-5896	QFCT-5270D	RCV1551-AS/B2	XMT5170B155ST
QFBR-5898AT	QFCT-5290B	RCV1551-FP	XMT5370A155AS
QFBR-5899	QFCT-53A4	RCV1551-FP/A3	XMT5370A155ASC4
QFBR-5912L	QFCT-53D4	RCV1551-LD	XMT5370A155FP
QFBR-5913L	QFCT-53D6	RCV1551-LD/B3	XMT5370A155FPA8
QFBR-5925L	QFCT-53D7D	RCV1551-SC	XMT5370A155SC
QFBR-5927A	QFCT-5910TL	RCV1551-SC/B1	XMT5370A155SCA4
QFBR-5927E	QFCT-5955ATL	RCV1551-ST	XMT5370A155ST
QFBR-5929L	QFCT-5981ATL	RCV1551-ST/A5	XMT5370A622AS
QFBR-5931L	QFCT-5983NL	RGR1551-AS	XMT5370A622FP
QFBR-5932	QFCT-5984AG	RGR1551-FP	XMT5370A622SC
QFBR-5932L	QFCT-5984AL	RGR1551-LD	XMT5370A622ST
QFBR-5933	QFCT-5984ATG	RGR1551-SC	XMT5370B155FP
QFBR-5936L	QFCT-5985ANG	RGR1551-SC/A3	XMT5370B155FPA3
QFBR-5939L	QFCT-5985ATG	RGR1551-ST	XMT5370B155LDC2
QFBR-5940L	QFCT-5986TL	XMT5170A155FP	XMT5370B155SC
QFBR-5991	QFCT-5987TL	XMT5170A155SC	XMT5370B155SCC3
QFBR-5992E	QFCT-5988TL	XMT5170A155SCA4	XMT5370B155ST
QFBR-5994	QFCT-5993TL	XMT5170A155ST	XMT5370B622FP
QFBR-5995	QFCT-5994AL	XMT5170A155STA1	XMT5370B622LDA5
QFBR-5996	QFCT-5995TG	XMT5170A155STA2	XMT5370B622SC
QFCT-5199D	QFCT-5995TL	XMT5170B155FP	XMT5370B622ST
QFCT-5267BE	QFCT-5996AL	XMT5170B155FPA2	

The above listed part numbers contained certain restricted substances exceeding the limits per the Requirements on Concentration Limits to Toxic and Hazardous Substances in Electronic Information Products as described in SJ/T 11363-2006 of the People's Republic of China, in accordance with the definitions therein, and of the Management Methods for Controlling Pollution Caused by Electronic Information Products Regulation, Ministry of Information Industry, order no. 39

This certificate is intended to compliance the Marking Requirements for Control of Pollution Caused by Electronic Information Products as described in SJ/T 11364 of the People's Republic of China.

The part names and contents of the hazardous substances in the electronic information products as shown below.

Names and Contents of the Toxic and Hazardous Substances or Elements in the Products
产品中有毒有害物质或元素的名称及含量

Part Name 部件名称	Toxic and Hazardous Substances or Elements 有毒有害物质或元素					
	Lead (Pb) 铅 (Pb)	Mercury (Hg) 汞 (Hg)	Cadmium (Cd) 镉 (Cd)	Hexavalent (Cr(VI)) 六价铬 (Cr(VI))	Polybrominated biphenyl (PBB) 多溴联 (PBB)	Polybrominated diphenylether (PBDE) 多溴二苯醚(PBDE)
Optical Subassembly	○	○	○	○	○	○
PCB Assembly	×	○	○	○	○	○
Housing	○	○	○	○	○	○
I/O Pins	×	○	○	○	○	○

○: indicates that the content of the toxic and hazardous substance in all the homogeneous materials of the part is below the concentration limit

requirement as described in SJ/T 11363-2006.

✕: indicates that the content of the toxic and hazardous substance in at least one homogeneous material of the part exceeds the concentration limit requirement as described in SJ/T 11363-2006.

(The enterprise may further explain the technical reasons for the “✕” indicated portion in the table in accordance with the actual situations.)

○: 表示该有毒有害物质在该部件所有均质材料中的含量均在 SJ/T 11363-2006 标准规定的限量要求以下。

✕: 表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 SJ/T 11363-2006 标准规定的限量要求。

(企业可在此处, 根据实际情况对上表中打“✕”的技术原因进行进一步说明。)

Product Description: Fiber Optics Parallel Optic Products
Avago p/n:

AFBR-732B	HFBR-772BEH	HFBR-7934EH	QFBR-7295P
AFBR-732BE	HFBR-772BH	HFBR-7934H	QFBR-7500
AFBR-732BEH	HFBR-773B	QFBR-7000	QFBR-7796
AFBR-742B	HFBR-779B	QFBR-7099	QFBR-7797EH
AFBR-742BE	HFBR-779BE	QFBR-7188E	QFBR-7798
AFBR-742BEH	HFBR-77M	QFBR-7188EH	QFBR-7798H
HFBR-700X2DM	HFBR-782B	QFBR-7191H	QFBR-7798J
HFBR-7014X2DM	HFBR-782BE	QFBR-7191J	QFBR-7798L
HFBR-7034	HFBR-782BEH	QFBR-7191L	QFBR-7897EH
HFBR-707X2DEM	HFBR-782BH	QFBR-7191P	QFBR-7898
HFBR-70M	HFBR-783B	QFBR-7192L	QFBR-7898H
HFBR-712BP	HFBR-789B	QFBR-7192P	QFBR-7997E
HFBR-71M	HFBR-789BE	QFBR-7193P	QFBR-7998E
HFBR-722BP	HFBR-7924	QFBR-7195P	QFBR-7999E
HFBR-762BDC	HFBR-7924E	QFBR-7288E	SFBR-7399E
HFBR-762BMB	HFBR-7924EH	QFBR-7288EH	SFBR-7499E
HFBR-76M	HFBR-7924H	QFBR-7291H	QFBR-7400
HFBR-772B	HFBR-7934	QFBR-7291P	HFBR-707XBDE
HFBR-772BE	HFBR-7934E	QFBR-7292P	

The above listed part numbers contained certain restricted substances exceeding the limits per the Requirements on Concentration Limits to Toxic and Hazardous Substances in Electronic Information Products as described in SJ/T 11363-2006 of the People's Republic of China, in accordance with the definitions therein, and of the Management Methods for Controlling Pollution Caused by Electronic Information Products Regulation, Ministry of Information Industry, order no. 39

This certificate is intended to compliance the Marking Requirements for Control of Pollution Caused by Electronic Information Products as described in SJ/T 11364 of the People's Republic of China.

The part names and contents of the hazardous substances in the electronic information products as shown below.

Names and Contents of the Toxic and Hazardous Substances or Elements in the Products

产品中有毒有害物质或元素的名称及含量

Part Name	Toxic and Hazardous Substances or Elements 有毒有害物质或元素
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部件名称	Lead (Pb) 铅 (Pb)	Mercury (Hg) 汞 (Hg)	Cadmium (Cd) 镉 (Cd)	Hexavalent (Cr(VI)) 六价铬 (Cr(VI))	Polybrominated biphenyl (PBB) 多溴联 (PBB)	Polybrominated diphenylether (PBDE) 多溴二苯醚(PBDE)
Optical Subassembly	○	○	○	○	○	○
PCB/Flex Assembly	×	○	○	○	○	○
Housing	○	○	○	○	○	○
Solder Balls	×	○	○	○	○	○

○: indicates that the content of the toxic and hazardous substance in all the homogeneous materials of the part is below the concentration limit requirement as described in SJ/T 11363-2006.

×: indicates that the content of the toxic and hazardous substance in at least one homogeneous material of the part exceeds the concentration limit requirement as described in SJ/T 11363-2006.

(The enterprise may further explain the technical reasons for the “x” indicated portion in the table in accordance with the actual situations.)

○: 表示该有毒有害物质在该部件所有均质材料中的含量均在 SJ/T 11363-2006 标准规定的限量要求以下。

×: 表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 SJ/T 11363-2006 标准规定的限量要求。

(企业可在此处, 根据实际情况对上表中打“x”的技术原因进行进一步说明。)

Product Description: Fiber Optics Pluggable PCB Products
Avago p/n:

ABCU-5710R	AFCT-57R5UP	HFBR-5720SL	HFCT-5710LPQ-xxx
ABCU-571NR	HBCU-5710DN	HFBR-5728LP	HFCT-5710LP-xxx
ABCU-571NR-xxx	HBCU-5710R	HFBR-5764AL	HFCT-5745AP
AFBR-57L0ACP	HBCU-5710R-xxx	HFBR-5764AP	HFCT-5745ATP
AFBR-57L0ACP-001	HBCU-571NR	HFBR-5764AP-xxx	HFCT-5745L
AFBR-57L0AL	HBCU-571NR-xxx	HFBR-57E0AL	HFCT-5745P
AFBR-57L0AP	HBCU-76M	HFBR-57E0AP	HFCT-5745TL
AFBR-57L5AP	HFBR-5601	HFBR-57E0AP-xxx	HFCT-5745TP
AFBR-57L5AP-xxx	HFBR-5601-001	HFBR-57E0L	HFCT-5750AL
AFBR-57M0AL	HFBR-5602	HFBR-57E0P	HFCT-5750AP
AFBR-57M0AP	HFBR-5603	HFBR-57E0P-xxx	HFCT-5750ATL
AFBR-57M5AP	HFBR-5603-xxx	HFBR-57L5AP	HFCT-5750ATP
AFBR-57R5AP	HFBR-5701CLP	HFBR-57L5P	HFCT-5750CTP
AFBR-57R5P	HFBR-5701CLP-001	HFBR-57M5AP	HFCT-5750CTP-001
AFCT-5611	HFBR-5701L	HFBR-57R5P	HFCT-5750TL
AFCT-5611-001	HFBR-5701LP	HFCT-5611	HFCT-5750TP
AFCT-5612	HFBR-5710L	HFCT-5611-001	HFCT-5750TP-xxx
AFCT-5612C	HFBR-5710LP	HFCT-5611U	HFCT-5755AL
AFCT-5613	HFBR-5710LPQ	HFCT-5611U-xxx	HFCT-5755AP
AFCT-5613-xxx	HFBR-5710LPQ-xxx	HFCT-5613	HFCT-5755ATL
AFCT-5771AL	HFBR-5710LP-xxx	HFCT-5613-xxx	HFCT-5755ATP
AFCT-5771AP	HFBR-5710L-xxx	HFCT-5701CLP	HFCT-5755L
AFCT-5771AP-xxx	HFBR-5720AL	HFCT-5701CLP-001	HFCT-5755P
AFCT-5771L	HFBR-5720ALP	HFCT-5701L	HFCT-5755TL
AFCT-5771P	HFBR-5720ALP4	HFCT-5701LP	HFCT-5755TP
AFCT-57L5ATP	HFBR-5720L	HFCT-5710L	HFCT-5755TP-xxx
AFCT-57L5ATP-xxx	HFBR-5720L4	HFCT-5710LP	HFCT-5760ANL
AFCT-57M5ATP	HFBR-5720LP	HFCT-5710LPQ	HFCT-5760ANP

HFCT-5760ATL	QBCU-5796NR	QFBR-5784LP	QFCT-5763TP
HFCT-5760ATP	QBCU-5797R	QFBR-5785LP	QFCT-5767LP
HFCT-5760CNP	QBCU-5797RK	QFBR-5787L	QFCT-5768
HFCT-5760CNP-001	QBCU-5798R	QFBR-5788LP	QFCT-5769UP
HFCT-5760CTP	QBCU-5799R	QFBR-5790LP	QFCT-5772AP
HFCT-5760CTP-001	QFBR-5237	QFBR-5791AP	QFCT-5773TP
HFCT-5760NL	QFBR-5650K	QFBR-5794L	QFCT-5775P
HFCT-5760NP	QFBR-5651	QFBR-5796LP	QFCT-5775TP
HFCT-5760NP-xxx	QFBR-5652	QFBR-5797L	QFCT-5784UP
HFCT-5760TL	QFBR-5686	QFBR-5797LK	QFCT-5785NP
HFCT-5760TP	QFBR-5689	QFBR-5798LP	QFCT-5785TP
HFCT-5760TP-xxx	QFBR-5693	QFCT-5650	QFCT-5787L
HFCT-5765AL	QFBR-5697	QFCT-5650K	QFCT-5788LP
HFCT-5765AP	QFBR-5698	QFCT-5686	QFCT-5789TP
HFCT-5765ATL	QFBR-5698-001	QFCT-5690	QFCT-5790NP
HFCT-5765ATP	QFBR-5730L	QFCT-5691	QFCT-5790TP
HFCT-5765L	QFBR-5732L	QFCT-5692	QFCT-5796LP
HFCT-5765P	QFBR-5738L	QFCT-5693	QFCT-5798LP
HFCT-5765TL	QFBR-5747LP	QFCT-5694	QFCT-57AAL
HFCT-5765TP	QFBR-5748ALP	QFCT-5696	QFCT-57AATL
HFCT-5765TP-xxx	QFBR-5749LP	QFCT-5697	QFCT-57ABTL
HFCT-57V5UP	QFBR-5750AP	QFCT-5698	QFCT-57ACNL
HFCT-701X2DH	QFBR-5751ALP	QFCT-5729UP	QFCT-57ADNL
HFCT-701X2DL	QFBR-5752L	QFCT-5730LP	QFCT-57ADTL
HFCT-701X2DM	QFBR-5753AP	QFCT-5731TP	QFCT-57AENL
HFCT-701XB	QFBR-5754P	QFCT-5732LP	QFCT-57AETL
HFCT-701XBD	QFBR-5755AP	QFCT-5733UP	QFCT-57AJNL
HFCT-703X2DH	QFBR-5756P	QFCT-5734P	QFCT-57AJTL
HFCT-703X2DL	QFBR-5757AP	QFCT-5734TP	QFCT-57AKTL
HFCT-703X2DM	QFBR-5758AP	QFCT-5735ATP	QFCT-57AML
HFCT-703XBD	QFBR-5759AP	QFCT-5735TP	QFCT-57AMTL
HFCT-711X2DH	QFBR-5762AP	QFCT-5736ATP	QFCT-57APAP
HFCT-711X2DL	QFBR-5763AP	QFCT-5736TP	QFCT-57APATP
HFCT-711X2DM	QFBR-5766LP	QFCT-5737P	QFCT-57APP
HFCT-711XPD	QFBR-5767LP	QFCT-5737TP	QFCT-57APTP
HFCT-711XPD-xxx	QFBR-5768AL	QFCT-5738L	QFCT-57AUAP
HFCT-721X2DH	QFBR-5770AP	QFCT-5740P	QFCT-57AUATP
HFCT-721X2DL	QFBR-5771AP	QFCT-5740TP	QFCT-57AUP
HFCT-721X2DM	QFBR-5772AP	QFCT-5742TP	QFCT-57AUTP
HFCT-721XPD	QFBR-5773AP	QFCT-5743P	QFCT-57AWAP
HFCT-721XPD-xxx	QFBR-5774AP	QFCT-5743TP	QFCT-57AWATP
HFCT-731X2DH	QFBR-5775AP	QFCT-5744TP	QFCT-57AWP
HFCT-731X2DL	QFBR-5776AP	QFCT-5753P	QFCT-57AWTP
HFCT-731X2DM	QFBR-5777AP	QFCT-5753TP	QFCT-7050
QBCU-5730R	QFBR-5778AP	QFCT-5754P	QFCT-7070
QBCU-5732R	QFBR-5779AP	QFCT-5756P	QFCT-7080
QBCU-5767	QFBR-5780ALF	QFCT-5757ATP	QFCT-7081
QBCU-5794R	QFBR-5780ALQ	QFCT-5761TP	QFCT-7086
QBCU-5794R-xxx	QFBR-5780ALS	QFCT-5762P	QFCT-7086-xxx
QBCU-5795R	QFBR-5780AP	QFCT-5762TP	QFCT-7087

QFCT-7088	QFKB-9270JC	QFKB-9460JC	SFBR-5799AP
QFCT-7089	QFKB-9280JC	QFKB-9470JC	SFCT-5650
QFCT-7090	QFKB-9290JC	QFKB-9480JC	SFCT-5686
QFCT-7093	QFKB-9310JC	QFKB-9490JC	SFCT-5693
QFCT-7094	QFKB-9320JC	QFKB-9510JC	SFCT-5694
QFCT-7096	QFKB-9330JC	QFKB-9520JC	SFCT-5696
QFCT-7097	QFKB-9340JC	QFKB-9530JC	SFCT-5697
QFCT-7098	QFKB-9360JC	QFKB-9540JC	SFCT-5698
QFCT-7100	QFKB-9370JC	QFKB-9560JC	SFCT-5699
QFCT-7191	QFKB-9380JC	QFKB-9570JC	SFCT-5774ATP
QFKB-9210JC	QFKB-9390JC	QFKB-9580JC	SFCT-5778ATP
QFKB-9220JC	QFKB-9410JC	QFKB-9590JC	SFCT-57L5ATP
QFKB-9230JC	QFKB-9420JC	SBCU-5796R	
QFKB-9240JC	QFKB-9430JC	SFBR-5729AP	
QFKB-9260JC	QFKB-9440JC	SFBR-5776AP	

The above listed part numbers contained certain restricted substances exceeding the limits per the Requirements on Concentration Limits to Toxic and Hazardous Substances in Electronic Information Products as described in SJ/T 11363-2006 of the People's Republic of China, in accordance with the definitions therein, and of the Management Methods for Controlling Pollution Caused by Electronic Information Products Regulation, Ministry of Information Industry, order no. 39

This certificate is intended to compliance the Marking Requirements for Control of Pollution Caused by Electronic Information Products as described in SJ/T 11364 of the People's Republic of China.

The part names and contents of the hazardous substances in the electronic information products as shown below.

Names and Contents of the Toxic and Hazardous Substances or Elements in the Products
产品中有毒有害物质或元素的名称及含量

Part Name 部件名称	Toxic and Hazardous Substances or Elements 有毒有害物质或元素					
	Lead (Pb) 铅 (Pb)	Mercury (Hg) 汞 (Hg)	Cadmium (Cd) 镉 (Cd)	Hexavalent (Cr(VI)) 六价铬 (Cr(VI))	Polybrominated biphenyl (PBB) 多溴联 (PBB)	Polybrominated diphenylether (PBDE) 多溴二苯醚(PBDE)
Optical Subassembly	○	○	○	○	○	○
PCB Assembly	×	○	○	○	○	○
Housing	○	○	○	○	○	○

○: indicates that the content of the toxic and hazardous substance in all the homogeneous materials of the part is below the concentration limit requirement as described in SJ/T 11363-2006.

×: indicates that the content of the toxic and hazardous substance in at least one homogeneous material of the part exceeds the concentration limit requirement as described in SJ/T 11363-2006.

(The enterprise may further explain the technical reasons for the "x" indicated portion in the table in accordance with the actual situations.)

○: 表示该有毒有害物质在该部件所有均质材料中的含量均在 SJ/T 11363-2006 标准规定的限量要求以下。

×: 表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 SJ/T 11363-2006 标准规定的限量要求。

(企业可在此处, 根据实际情况对上表中打"×"的技术原因进行进一步说明。)

Product Description: Industrial Fiber Products

Avago p/n:

AFBR-1010	HFBR-1531	HFBR-2528	QFBR-2399T
AFBR-1010A	HFBR-1532	HFBR-2531	QFBR-2430
AFBR-1010S	HFBR-1533	HFBR-2532	QFBR-2431
AFBR-1010T	HFBR-1537	HFBR-2533	QFBR-2478
AFBR-2010	HFBR-1540	HFBR-2536	QFBR-2548
AFBR-2010A	HFBR-1602	HFBR-2540	QFBR-2549
AFBR-2010S	HFBR-1602M	HFBR-2541	QFBR-2551
AFBR-2010T	HFBR-1604	HFBR-2602	QFBR-2573
HFBR-1312T	HFBR-2316T	HFBR-4503	QFBR-5498
HFBR-13E2	HFBR-23E6	HFBR-4506	QFBR-5499
HFBR-1402	HFBR-2402	HFBR-4521	QFBR-5581
HFBR-1404	HFBR-2404	HFBR-T409T	QFBR-5583
HFBR-1412	HFBR-2406	QFBR-1232	QFBR-5584
HFBR-1412-MT	HFBR-2412	QFBR-1233	QFBR-5591
HFBR-1412T	HFBR-2412T	QFBR-1234	QFBR-5592
HFBR-1412TM	HFBR-2412TC	QFBR-1236	QFBR-5594
HFBR-1414	HFBR-2414	QFBR-1237	QFBR-5595
HFBR-1414M	HFBR-2414T	QFBR-1239	QFBR-R458
HFBR-1414T	HFBR-2416	QFBR-1240	QFBR-R459
HFBR-1414TK	HFBR-2416M	QFBR-1254	QFBR-R461
HFBR-1415	HFBR-2416T	QFBR-1407	QFBR-R462
HFBR-1415T	HFBR-2416TC	QFBR-1430	QFBR-R470
HFBR-1424	HFBR-2422	QFBR-1445	QFBR-R509
HFBR-1454	HFBR-2452	QFBR-1478C	QFBR-R515
HFBR-14E4	HFBR-24E2	QFBR-1548	QFBR-R517
HFBR-1505A	HFBR-24E6	QFBR-1549	QFBR-T261
HFBR-1505C	HFBR-2505A	QFBR-1551	QFBR-T450
HFBR-1506AM	HFBR-2505C	QFBR-1561	QFBR-T451
HFBR-1515B	HFBR-2506AM	QFBR-1567	QFBR-T455
HFBR-1517	HFBR-2510	QFBR-1570	QFBR-T458
HFBR-1520	HFBR-2512	QFBR-1573	QFBR-T459
HFBR-1521	HFBR-2515B	QFBR-1581	QFBR-T461
HFBR-1522	HFBR-2521	QFBR-1607	QFBR-T462
HFBR-1523	HFBR-2522	QFBR-2232	QFBR-T501
HFBR-1524	HFBR-2523	QFBR-2233	QFBR-T503
HFBR-1525E	HFBR-2523-00A	QFBR-2234	QFBR-T506
HFBR-1526	HFBR-2524	QFBR-2236	QFBR-T516
HFBR-1527	HFBR-2525E	QFBR-2237	
HFBR-1527U	HFBR-2526	QFBR-2240	
HFBR-1528	HFBR-2526U	QFBR-2254	

The above listed part numbers contained certain restricted substances exceeding the limits per the Requirements on Concentration Limits to Toxic and Hazardous Substances in Electronic Information Products as described in SJ/T 11363-2006 of the People's Republic of China, in accordance with the definitions therein, and of the Management Methods for Controlling Pollution Caused by Electronic Information Products Regulation, Ministry of Information Industry, order no. 39

This certificate is intended to compliance the Marking Requirements for Control of Pollution Caused by Electronic Information Products as described in SJ/T 11364 of the People's Republic of China.

The part names and contents of the hazardous substances in the electronic information products as shown below.

Names and Contents of the Toxic and Hazardous Substances or Elements in the Products

产品中有毒有害物质或元素的名称及含量

Part Name 部件名称	Toxic and Hazardous Substances or Elements 有毒有害物质或元素					
	Lead (Pb) 铅 (Pb)	Mercury (Hg) 汞 (Hg)	Cadmium (Cd) 镉 (Cd)	Hexavalent (Cr(VI)) 六价铬 (Cr(VI))	Polybrominated biphenyl (PBB) 多溴联 (PBB)	Polybrominated diphenylether (PBDE) 多溴二苯醚(PBDE)
Optical Subassembly	○	○	○	○	○	○
I/O Pins	×	○	○	○	○	○
Housing	○	○	○	○	○	○

○: indicates that the content of the toxic and hazardous substance in all the homogeneous materials of the part is below the concentration limit requirement as described in SJ/T 11363-2006.

×: indicates that the content of the toxic and hazardous substance in at least one homogeneous material of the part exceeds the concentration limit requirement as described in SJ/T 11363-2006.

(The enterprise may further explain the technical reasons for the “x” indicated portion in the table in accordance with the actual situations.)

○: 表示该有毒有害物质在该部件所有均质材料中的含量均在 SJ/T 11363-2006 标准规定的限量要求以下。

×: 表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 SJ/T 11363-2006 标准规定的限量要求。

(企业可在此处, 根据实际情况对上表中打“x”的技术原因进行进一步说明。)

Product Description: Fiber Optics Evaluation Kits
Avago p/n:

HFBR-5009	HFBR-7700	HFCT-5002	HFCT-5012
HFBR-7001	HFBR-7800	HFCT-5005	HFCT-5014
HFBR-7002	HFBR-7900	HFCT-5006	HFCT-5800
HFBR-7007	HFCT-5000	HFCT-5009	QFBR-5759APK
HFBR-7600	HFCT-5001	HFCT-5010	

The above listed part numbers contained certain restricted substances exceeding the limits per the Requirements on Concentration Limits to Toxic and Hazardous Substances in Electronic Information Products as described in SJ/T 11363-2006 of the People's Republic of China, in accordance with the definitions therein, and of the Management Methods for Controlling Pollution Caused by Electronic Information Products Regulation, Ministry of Information Industry, order no. 39

This certificate is intended to compliance the Marking Requirements for Control of Pollution Caused by Electronic Information Products as described in SJ/T 11364 of the People's Republic of China.

The part names and contents of the hazardous substances in the electronic information products as shown below.

Names and Contents of the Toxic and Hazardous Substances or Elements in the Products

产品中有毒有害物质或元素的名称及含量

Part Name	Toxic and Hazardous Substances or Elements 有毒有害物质或元素
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部件名称	Lead (Pb) 铅 (Pb)	Mercury (Hg) 汞 (Hg)	Cadmium (Cd) 镉 (Cd)	Hexavalent (Cr(VI)) 六价铬 (Cr(VI))	Polybrominated biphenyl (PBB) 多溴联 (PBB)	Polybrominated diphenylether (PBDE) 多溴二苯醚(PBDE)
PCB Assembly	x	O	O	O	O	O

O: indicates that the content of the toxic and hazardous substance in all the homogeneous materials of the part is below the concentration limit requirement as described in SJ/T 11363-2006.

x: indicates that the content of the toxic and hazardous substance in at least one homogeneous material of the part exceeds the concentration limit requirement as described in SJ/T 11363-2006.

(The enterprise may further explain the technical reasons for the "x" indicated portion in the table in accordance with the actual situations.)

O: 表示该有毒有害物质在该部件所有均质材料中的含量均在 SJ/T 11363-2006 标准规定的限量要求以下。

x: 表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 SJ/T 11363-2006 标准规定的限量要求。

(企业可在此处, 根据实际情况对上表中打"x"的技术原因进行进一步说明。)

For product availability and compliance information, please contact Avago distributors or Avago Sales & Marketing via rohs.enquiry-spg@avagotech.com. For product technical information (termination finish, temperature profile, product substance content etc.) please contact: pb-free.spg@avagotech.com.

This document further certifies that the materials declaration provided above by Avago Technologies is accurate.



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