

Product Change Notice

Issue Date: 22nd Jun 2009

Type of Change(s):

Avago Technologies has qualified an alternate scrambler painting supplier for all lead frame based S4 products and Bar Graph Arrays

Parts Affected:

Please refer to attach list below

Description and Extent of Changes:

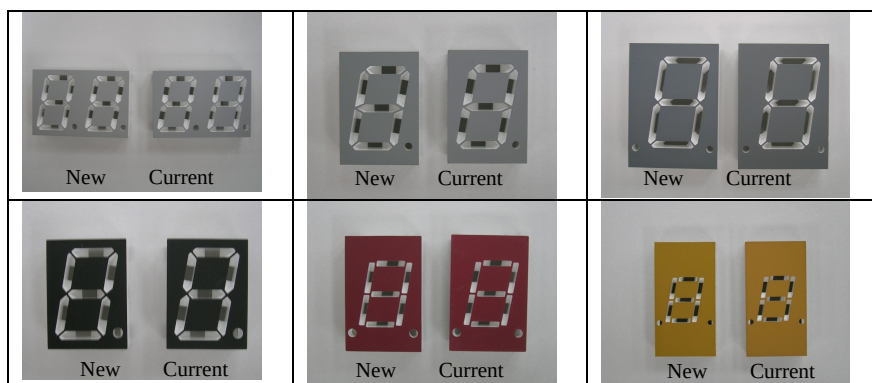
The selected supplier shall be the primary source for the painting work for all the lead frame based S4 and Bar Graph Arrays. There will be no change of device functionality, color specification and electrical performance.

Reasons for Change:

To provide continuous support and assurance of supply to customers.

Effect of Change on Fit, Form, Function, Quality, or Reliability:

There is no effect on form, fit and function as per datasheet. Qualification has been conducted to ensure both current and new scrambler painting sources are comparable.



Both existing and new supplier parts are comparable

Effective Date of Change:

Avago Technologies will begin shipping from new painting supplier effective 22nd Sept 2009 onwards. There may be mixed shipments between current and new painting supplier starting this date



Qualification Data:

Qualification data has been generated and approved.

Reliability Test	Stress Condition	Pass criteria	Result
Wet Hot Storage Life Test	85;ãC /85%RH	No peeling paint	Passed 500 hours
TMCL	-55/100;ãC, 15/5/15	No peeling paint	Passed 100x
Drop test	1.2m x 6planes	No peeling paint	Passed
Solder dip	10sec	No peeling paint	Passed

Please contact your Avago field sales engineer for further details or support requirements.

Thank you for your continuous attention to these changes.

These changes have been reviewed and approved by Avago Technologies engineers and managers per Avago Technologies procedure: Change Control and Customer Notification, A-5962-6052-80.

Please contact your Avago Technologies field sales engineer or Contact Center (<http://www.avagotech.com/contact/>) for any questions or support requirements. Please return any response as soon as possible, but not to exceed 30 days.



Affected part number listing

HDSP-4830	HDSP-3351	HDSP-5551	HDSP-7503
HDSP-4830-GH000	HDSP-3353	HDSP-5553	HDSP-7503-CD000
HDSP-4830-HH000	HDSP-3356	HDSP-5553-BC000	HDSP-7503-DD000
HDSP-4832	HDSP-3600	HDSP-5557	HDSP-7504
HDSP-4836	HDSP-3601	HDSP-5558	HDSP-7507
HDSP-4840	HDSP-3603	HDSP-5601	HDSP-7508
HDSP-4840-FG000	HDSP-3606	HDSP-5601-GH000	HDSP-7508-CD000
HDSP-4840-FGB00	HDSP-3900	HDSP-5603	HDSP-7511
HDSP-4850	HDSP-3901	HDSP-5603-GH000	HDSP-7511-CD000
HDSP-4850-HI000	HDSP-3901-EF000	HDSP-5607	HDSP-7513
HDSP-4850-HIC00	HDSP-3903	HDSP-5607-GH000	HDSP-7513-CD000
HDSP-4916	HDSP-3903-EF000	HDSP-5608	HDSP-7517
HDSP-4917	HDSP-3905	HDSP-5621	HDSP-7518
QDSP-4985	HDSP-3906	HDSP-5621-GH000	HDSP-7801
QLCP-M082	HDSP-4200	HDSP-5621-GH400	HDSP-7801-JK000
QLCP-M089	HDSP-4201	HDSP-5623	HDSP-7801-KK000
QLCP-M096	HDSP-4203	HDSP-5623-GH000	HDSP-7802
5082-7610	HDSP-4205	HDSP-5701	HDSP-7802-JK000
5082-7610-CD000	HDSP-4206	HDSP-5701-FG000	HDSP-7803
5082-7611	HDSP-4600	HDSP-5703	HDSP-7803-JK000
5082-7611-DE000	HDSP-4601	HDSP-5703-FG000	HDSP-7803-JKC00
5082-7613	HDSP-4603	HDSP-5707	HDSP-7804
5082-7613-CD000	HDSP-4603-IJ000	HDSP-5708	HDSP-7807
5082-7616	HDSP-4606	HDSP-5721	HDSP-7808
5082-7616-DD000	HDSP-4606-IJ000	HDSP-5721-FG000	HDSP-8600
5082-7620	HDSP-515E	HDSP-5723	HDSP-8601
5082-7621	HDSP-515G	HDSP-5811	HDSP-8601-EF000
5082-7623	HDSP-515H	HDSP-5813	HDSP-8603
5082-7626	HDSP-515H-GH000	HDSP-5815	HDSP-8603-EF000
5082-7650	HDSP-515L	HDSP-701A	HDSP-8605
5082-7650-DD000	HDSP-515L-FG000	HDSP-701E	HDSP-8606
5082-7650-DE000	HDSP-515Y	HDSP-701G	HDSP-A101
5082-7651	HDSP-516E	HDSP-702E	HDSP-A101-FG000
5082-7651-DD000	HDSP-516G	HDSP-703A	HDSP-A103
5082-7651-DE000	HDSP-516H	HDSP-703E	HDSP-A103-FG000
5082-7653	HDSP-516L	HDSP-703G	HDSP-A107
5082-7653-DD000	HDSP-516Y	HDSP-704E	HDSP-A107-FG000
5082-7653-DE000	HDSP-516Y-KLB00	HDSP-711A	HDSP-A108
5082-7656	HDSP-516Y-KMP00	HDSP-711E	HDSP-A111
5082-7660	HDSP-5501	HDSP-711G	HDSP-A113
5082-7661	HDSP-5501-GG000	HDSP-711L	HDSP-A125
5082-7663	HDSP-5501-GH000	HDSP-713A	HDSP-A151
5082-7663-D0B00	HDSP-5503	HDSP-713E	HDSP-A153
5082-7666	HDSP-5503-GG000	HDSP-713G	HDSP-A153-NO000
HDSP-315E	HDSP-5503-GH000	HDSP-7401	HDSP-A157
HDSP-315G	HDSP-5507	HDSP-7401-C0Z00	HDSP-A158
HDSP-315H	HDSP-5507-GG000	HDSP-7401-DE000	HDSP-A211
HDSP-315L	HDSP-5507-GH000	HDSP-7402	HDSP-A213

HDSP-315Y	HDSP-5508	HDSP-7403	HDSP-A213-CD000
HDSP-315Y-KMP00	HDSP-5508-GH000	HDSP-7403-DE000	HDSP-A401
HDSP-316E	HDSP-5521	HDSP-7404	HDSP-A403
HDSP-316G	HDSP-5521-GG000	HDSP-7407	HDSP-A407
HDSP-316H	HDSP-5521-GH000	HDSP-7408	HDSP-A408
HDSP-316L	HDSP-5523	HDSP-7501	HDSP-A411
HDSP-316Y	HDSP-5523-GH000	HDSP-7501-CD000	HDSP-A413
HDSP-316Y-KMP00	HDSP-5537	HDSP-7502	HDSP-A511
HDSP-3350	HDSP-5538	HDSP-7502-CD000	HDSP-A511-JK000
HDSP-A513	HDSP-F413	HDSP-H407	HDSP-U213
HDSP-A801	HDSP-F501	HDSP-H408	HDSP-U213-CD000
HDSP-A803	HDSP-F501-JK000	HDSP-H411	HDSP-U213-D0000
HDSP-A807	HDSP-F503	HDSP-H413	HDSP-U301
HDSP-A808	HDSP-F503-JK000	HDSP-H413-EF000	HDSP-U303
HDSP-A901	HDSP-F503-JK016	HDSP-H413-FG000	HDSP-U311
HDSP-A903	HDSP-F507	HDSP-H413-FG026	HDSP-U313
HDSP-A903-GHC00	HDSP-F508	HDSP-H511	HDSP-U401
HDSP-A907	HDSP-F511	HDSP-H511-GH000	HDSP-U403
HDSP-A908	HDSP-F511-IJ000	HDSP-H513	HDSP-U411
HDSP-B573	HDSP-F511-IJC00	HDSP-H513-GH000	HDSP-U413
HDSP-E100	HDSP-F513	HDSP-H571	HDSP-U413-LN000
HDSP-E101	HDSP-F513-IJ000	HDSP-H573	HDSP-U501
HDSP-E101-EF000	HDSP-G101	HDSP-K111	HDSP-U501-J0C00
HDSP-E103	HDSP-G103	HDSP-K113	HDSP-U503
HDSP-E106	HDSP-G111	HDSP-K121	HDSP-U503-KL000
HDSP-E150	HDSP-G113	HDSP-K123	HDSP-U511
HDSP-E151	HDSP-G151	HDSP-K123-DE000	HDSP-U511-KL000
HDSP-E153	HDSP-G153	HDSP-K211	HDSP-U513
HDSP-E156	HDSP-G161	HDSP-K211-GH000	HDSP-U513-KL000
HDSP-F101	HDSP-G201	HDSP-K213	QDSP-A000
HDSP-F101-EF000	HDSP-G201-EF000	HDSP-K213-GH000	QDSP-5501
HDSP-F103	HDSP-G203	HDSP-K401	QDSP-5503
HDSP-F103-EF000	HDSP-G211	HDSP-K403	QDSP-7488
HDSP-F107	HDSP-G213	HDSP-K411	QDSP-7590
HDSP-F108	HDSP-G301	HDSP-K413	QDSP-A586
HDSP-F111	HDSP-G303	HDSP-K511	QDSP-F139
HDSP-F111-EF000	HDSP-G401	HDSP-K511-GH000	QDSP-F140
HDSP-F113	HDSP-G403	HDSP-K513	QDSP-G545
HDSP-F151	HDSP-G411	HDSP-K513-GH000	QDSP-K580
HDSP-F151-MN000	HDSP-G413	HDSP-K701	QDSP-S021
HDSP-F153	HDSP-G501	HDSP-N100	QDSP-S023
HDSP-F157	HDSP-G503	HDSP-N101	QDSP-S062
HDSP-F158	HDSP-G511	HDSP-N103	QDSP-U236
HDSP-F161	HDSP-G513	HDSP-N103-CD000	QDSP-U237
HDSP-F201	HDSP-H101	HDSP-N105	QDSP-U238
HDSP-F201-DE000	HDSP-H101-CD000	HDSP-N106	QDSP-U239
HDSP-F203	HDSP-H101-DE000	HDSP-N150	QDSP-U493
HDSP-F203-DE000	HDSP-H103	HDSP-N151	
HDSP-F207	HDSP-H103-DE000	HDSP-N153	



HDSP-F208	HDSP-H107	HDSP-N155	
HDSP-F211	HDSP-H108	HDSP-N156	
HDSP-F211-DE000	HDSP-H111	HDSP-N401	
HDSP-F213	HDSP-H111-DE000	HDSP-N403	
HDSP-F213-DE000	HDSP-H113	HDSP-N406	
HDSP-F301	HDSP-H151	HDSP-R881	
HDSP-F301-DE000	HDSP-H153	HDSP-U101	
HDSP-F303	HDSP-H157	HDSP-U103	
HDSP-F303-DE000	HDSP-H158	HDSP-U111	
HDSP-F303-DE016	HDSP-H161	HDSP-U111-EG000	
HDSP-F307	HDSP-H163	HDSP-U113	
HDSP-F308	HDSP-H211	HDSP-U113-FG000	
HDSP-F401	HDSP-H211-GH000	HDSP-U201	
HDSP-F403	HDSP-H213	HDSP-U203	
HDSP-F407	HDSP-H213-GH000	HDSP-U203-CD000	
HDSP-F408	HDSP-H401	HDSP-U211	
HDSP-F411	HDSP-H403	HDSP-U211-CD000	