

## Product Change Notice

Issue Date: 16<sup>th</sup> December 2011

### **Change Type 1:**

- Alternative lens material

### **Parts Affected:**

- All Avago Technologies current and future LED and LaserStream Lens.
- Please refer to **Appendix A** for the affected part numbers.

### **Description and Extent of Change:**

- Avago Technologies has qualified a new material for optical mouse lens

### **Reasons for Change:**

- Assurance of supply

### **Effect of Change Fit, Form, Function, Quality, or Reliability:**

- The device specification will remain the same, i.e. there will be no change to form, fit or function of the product as specified in the data sheet.
- Appropriate quality and reliability testing will be performed on representative products, consistent with Avago Technologies' quality and reliability standards.

### **Effective Date of Change:**

- Shipment of parts with new material will commence from **15<sup>th</sup> March 2012**

### **Qualification Data:**

- Qualification data has been generated and approved as necessary.
- As always, all manufacturing processes will strictly adhere to Avago Technologies' standards and guidelines for quality assurance purposes.
- Samples are available upon request. For more information, please contact your local Avago Technologies sales account manager.
- Avago Technologies remains committed to provide customers with best-in-class optical navigation solutions and our continued investments in research and development will ensure that our customers remain at the forefront of optical navigation technology.

**Change Type 2:**

- Packing related change : Lens Packaging Change

**Parts Affected:**

- All Avago Technologies current and future LED and LaserStream Lens.
- Please refer to **Appendix B** for the change details.

**Description and Extent of Change:**

- Avago Technologies has made changes in Lens packaging method.
- SPI change from 1, 000pcs to 2, 000pcs.

**Reasons for Change:**

- To optimize packaging method.

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

- The device specification will remain the same, i.e. there will be no change to form, fit or function of the product as specified in the data sheet.
- Appropriate quality and reliability testing will be performed on representative products, consistent with Avago Technologies' quality and reliability standards.

**Effective Date of Change:**

- Shipment of parts with new packaging will commence from **15<sup>th</sup> March 2012**

**Qualification Data:**












- Qualification data has been generated and approved as necessarily.
- As always, all manufacturing processes will strictly adhere to Avago Technologies' standards and guidelines for quality assurance purposes.
- Avago Technologies remains committed to provide customers with best-in-class optical navigation solutions and our continued investments in research and development will ensure that our customers remain at the forefront of optical navigation technology.










## **Appendix A**

Affected Part Numbers:

LED Lens	LaserStream™ Lens
ADNS-2120-001	ADNS-6150
ADNS-3120-001	ADNS-6160-001
ADNS-3150-001	ADNS-6170-002
ADNS-5100-001	ADNS-6180-001
ADNS-5110-001	ADNS-6180-002
ADNS-5120-002	ADNS-6190-002

## Appendix B

Affected Part Numbers	Outer Box Size and Outlook	
	Existing	New
ADNS-5110-001	544 (L) * 354(W) * 128(H)mm 	407(L) * 372(W) * 207(H)mm 
ADNS-6160-001	339(L) * 187(W) * 186(H)mm 	372(L) * 313(W) * 185(H)mm 
ADNS-6170-002	548(L) * 369(W) * 112(H)mm 	484(L) * 352(W) * 200(H)mm 
ADNS-6180-002	370(L) * 300(W) * 158(H)mm 	596(L) * 368(W) * 168(H)mm 
ADNS-6180-001	339(L) * 187(W) * 186(H)mm 	372(L) * 313(W) * 185(H)mm 
ADNS-6150	537(L) * 176(W) * 62(H)mm 	231(L) * 176(W) * 260(H)mm 

ADNS-2120-001	548(L) * 369(W) * 112(H)mm 	466(L) * 368(W) * 214(H)mm 
ADNS-6190-002	293(L) * 246(W) * 160(H)mm 	492(L) * 296(W) * 176(H)mm 
ADNS-5100-001	534(L) * 344(W) * 120(H)mm 	374(L) * 347(W) * 233(H)mm 
ADNS-5120-002	298(L) * 186(W) * 231(H)mm 	356(L) * 296(W) * 218(H)mm 
ADNS-3120-001	548(L) * 369(W) * 112(H)mm 	466(L) * 368(W) * 214(H)mm 