



PCN V15-003-E47540-0A

Product Change Notice

Issue Date: August 25, 2015

Change Type:

Capacity Expansion for InP based lasers and detector devices

Parts Affected:

Please refer to the attached table.

Description and Extent of Change:

Avago Technologies has recently seen unprecedented demand for its InP (Indium Phosphide) based lasers and detectors. In order to meet the market demand going forward Avago Technologies is in the process of increasing its backend chip fabrication production capacity at Inari Technology in Malaysia. All wafer-level epitaxial growth and wafer fabrication processes will stay in Breinigsville, Pennsylvania. The combination of our existing Pennsylvania fabrication facility and Inari Technologies will allow us to provide a scalable footprint for future capacity expansions.

Reason for Change:

Increase production capacity of InP lasers and detectors

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

There will be no change to the form, fit, function, quality or reliability of the devices.

Effective Date of Change:

Avago Technologies plans to start shipping certain devices fabricated at the new manufacturing site December 1, 2015. Other devices will be transitioned as soon as feasible and on an as-needed basis. The attached table provides the detailed target dates for start of production shipments from the new manufacturing site. The table also includes the dates for starting production shipments of laser and receiver packages containing devices manufactured at Inari Technologies. After the effective date Avago Technologies may manufacture devices at both sites and may supply products to customers from either site.

Recommended Actions to be Taken by Customer:

No action required. PCN is for information only.

Qualification Data:

Made available upon request.

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.

Parts Effected and Schedule

Product	Product Family	Estimated Sample Availability Date	Estimated Production Shipment Start
1.3um Laser Die			
293B131XXX	2.5G, 1310nm DFB laser	12/1/2015	12/15/2015
293BXXXXXX	2.5G, 1270-1450nm DFB laser	12/15/2015	2/1/2016
293BNXXXXX	10G, 1270-1330nm DFB laser	1/15/2016	3/1/2016
299K	10G, 1.31um FP laser	5/15/2016	7/1/2016
293K	10G, 1.3um DFB laser	5/15/2016	7/1/2016
293KN	10G, 1.3um DFB laser	6/15/2016	9/1/2016
293B20	CW, 1.3um DFB laser	4/1/2016	5/1/2016
293B129LWXXX	CW, LAN-WDM DFB	8/15/2016	9/1/2016
247XXX-1310	CW, high power laser	6/15/2016	8/1/2016
1.5um Laser Die			
295JXXXX	2.5G, 1470-1610nm DFB laser	6/1/2016	7/1/2016
295GXXXX	2.5G, 1.5um DFB laser	6/15/2016	8/1/2016
295LXXXX	2.5G, 1.5um DFB laser	6/15/2016	8/1/2016
295P20	1.5um uncooled ridge DFB	6/15/2016	8/1/2016
295TXXXX	10G, 1.5um DFB laser	6/15/2016	8/1/2016
294XXXXX	10G, EML	2/1/2016	4/1/2016
283VXXXX	25G, LAN-WDM EML	2/1/2016	4/1/2016
247XXX-1490	CW, high power laser	6/15/2016	8/1/2016
247LB	CW, high power laser	6/1/2016	8/1/2016
Photodetectors			
124NLVTXXXX	2.5G, APD	12/1/2015	1/15/2016
108XXX	10G, PIN	1/15/2016	2/15/2016
124EATS	10G, APD	1/15/2016	2/15/2016
134A	10G, APD	3/15/2016	4/15/2016
118F25-XXXX	25G, PIN	1/15/2016	2/15/2016
1.3um Laser TO-CAN			
TO293BXXX	2.5G, 1270-1450nm DFB laser	NA	3/1/2016
TO293BXXXH	6G, 1270-1450nm DFB laser	NA	3/1/2016
TO293BXXXT	10G, 1270-1450nm DFB laser	NA	4/1/2016
TO299K	10G, 1.3um FP laser	NA	8/1/2016
TO293K	10G, 1.3um DFB laser	NA	8/1/2016
TO293KN	10G, 1.3um DFB laser	NA	10/2/2016
1.5um Laser TO-CAN			
TO295JXXX	2.5G, 1470-1610nm DFB laser	NA	8/1/2016
TO295JXXXH	6G, 1470-1610nm DFB laser	NA	9/1/2016
TO295JXXXT	10G, 1470-1610nm DFB laser	NA	9/1/2016
TO294XXXX	10G, DWDM EML	NA	5/1/2016

Photodetector TO-CAN			
TO108FET-XXX	10G PIN + TIA	NA	3/17/2016
TO124NLV-XXX	2.5G, APD + TIA	NA	2/15/2016
TO124EAT	10G, APD + TIA	NA	3/17/2016
TO134AXXXX	10G, APD + TIA	NA	5/16/2016
T/ROSA and OSA			
161XXXX	2.5G, DWDM DFB	NA	10/15/2016
162XXXX	10G, DWDM and CWDM EML	NA	6/15/2016
1641XXXX	10G, APD	NA	4/30/2016
165XXXX	10G, DWDM EML	NA	6/15/2016
63XXXX	10G, EML OSA	NA	5/15/2016
64XXXX	10G, EML OSA	NA	5/15/2016
TPIC-10410-XXXX	4x10G, TOSA	NA	5/1/2016
RPIC-10410-XXXX	4x10G, ROSA	NA	5/1/2016
AFCP-CT4X10DXXXX	4x10G, TOSA	NA	4/15/2016
AFCP-CR4X10PXXXX	4x10G, ROSA	NA	4/15/2016
AFCP-ICRX2XXXXX	Gen 2 ICR, 100G	NA	4/16/2016
AFCP-T4X25EL	4x25G, TOSA	NA	5/15/2016
AFCP-R4X25PL	4x25G, ROSA	NA	5/15/2016
AFCU-UITLAXX-XXX	Micro ITLA	NA	5/15/2016
RX-PMQPSK-40-XXX	40G, Coherent Receiver	NA	4/16/2016
RX-PMQPSK-100-XXX	100G, Coherent Receiver	NA	4/16/2016