PCN16441

Formular F-F0219, V: 1.0 (01.07.2008), Responsible AE/QMS-P-Gu

Identification of the PCN

Suppliers company name	ON Semiconductor
Subject (PCN short name)	ACMOS 2nd Source Qualification to Gresham FAB
Supplier's identification number	16441
Date of issue	27-May-2011

Supplier's contact person for this PCN

Name	Jaromir Ftorek
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Product / Process – Changes

Detailed description of change(s)			
Comparison: unchanged vs	before change		
changed component. At least all	wafer fabrication in Aizu, Japan only		
changes within the device			
questionnaire must be described	after change		
(attach additional information)	wafer fabrication in Aizu, Japan + wafer fabrication in Gresham, U.S.A		
	(*other changes to QSD tracked device parameters related to sourcing from new wafer fab will be provided in related QSD questionnaire for device from new source -Gresham)		
Reference parts (if applicable)	not applicable		
Reasons for change(s)	wafer capacity expansion		
Benefit for Bosch (quality, cost,)	capacity increase to support Bosch on high runner projects for ACMOS technology products		
Has the change any impact on form,	Form, Fit, Function - No		
fit, function, quality, reliability or processability?	Quality, Reliability, Processability - Yes		
Any other PCNs planned for the	no additional change planned at the time		
products /product family within next 2 years?			
Additional comments	not applicable		

PCN Scheduling & Data

Supplier's qualification finished?	yes -> a) / no -> specify	01-Sep-2011		
Qualification samples available?	✓ yes	01-Sep-2011		
Date of planned production change	30-Mar-2012			
Last time buy (LTB)	not applicable for additional new source qualification			
Last shipment date (LSD)	not applicable for additional new source qualification			
Qualification done according AEC? Yes				
a) If your qualification is finished, ple	ase attach qualification report			
will be send in separate email, once internal ON Semiconductor qualification is completed.				

Attached is Qualification plan proposed by ON Semiconductor for this qualiful PCN16441_qualification plan.pdf

Product – Identification

Component function	Voltage regulators	
Component family name	NCV30xLSNxxT1G	
Mode of change-over	second source qualification	
How can the new / changed	based on wafer lot number,	
products be identified at Bosch?	more details on tracebility will be provided in customer presenation for	
	this change	

Remarks:

For PCNs where we have to notify our customers we have to explain the change(s). Please specify explicitly if data within this PCN should not be shown to our customers. This form sheet should be send back as Excel-file, <u>not</u> as PDF only!

Product – part numbers <u>All</u> affected Bosch part numbers (890...) have to be listed, even if they have not been ordered by Bosch or shipped to Bosch within the last years. Do not use spaces or dots within Bosch part numbers.

#	Bosch part number (890)	supplier's device name or part number	Bosch spec
1	8905501613	NCV300LSN28T1G	IS 64.6
2	8905959976	NCV301LSN40T1G	IS 64.6
3	8905501104	NCV301LSN12T1G	IS 64.22
4	8905501035	NCV301LSN16T1G	IS 64.22
5	8905501125	NCV301LSN28T1G	IS 64.22
6	8905506160	NCV303LSN13T1G	HA 240.101
7	8905506161	NCV303LSN20T1G	HA 240.101
8	8905506162	NCV303LSN23T1G	HA 240.101
9	8905506163	NCV303LSN30T1G	HA 240.101
10	8905506164	NCV303LSN45T1G	HA 240.101
11	8905505800	NCV303LSN10T1G	HA 240.101
12	8905508162	NCV303LSN12T1G	HA 240.101
13	8905508163	NCV303LSN29T1G	HA 240.101
14	8905508164	NCV303LSN43T1G	HA 240.101