

PCN # 2158

DATE: November 30, 2021



EXPECTED PCN SHIP DATE: November 30, 2021

Quality Assurance
160 Rio Robles
San Jose, CA 95134

www.maximintegrated.com

PROCESS CHANGE NOTICE
 PRODUCT CHANGE NOTICE

MAXIM INTEGRATED HEREBY ISSUES NOTIFICATION OF CHANGE
THAT MAY AFFECT THE FOLLOWING CATEGORIES:

<input type="checkbox"/> DESIGN	<input checked="" type="checkbox"/> WAFER FAB	<input type="checkbox"/> ASSEMBLY	<input type="checkbox"/> TEST	<input type="checkbox"/> ELEC/MECH SPECS
---------------------------------	---	-----------------------------------	-------------------------------	--

AFFECTED PRODUCT:

Ordering P/N: (See PN listing XLS in PCN ZIP file)

CHANGE FROM: - For MAX20090/MAX20090B automotive devices Existing source for wafer fabrication at Epson/Sakata/Japan using S18 process technology	CHANGE TO: - Expanding waferfab supply source to Maxim's Beaverton/Oregon foundry (MFN) using same S18 process
---	---

JUSTIFICATION: -
Adding MFN to expand wafer capacity to ensure supply continuity.
MFN fab site has been qualified and producing products using S18 process technology since 2013.
MFN S18 process successfully passed AEC-Q100 qualification, see report attached (MFN_S18).
There are no changes to form/fit/function of the devices.

Note:
Due to severe fab capacity constraints at current fab, there is an urgency to close this PCN asap.
This PCN is effective by the expected ship date of 01/30/2022.

TRACEABILITY: Maxim Integrated maintains full traceability by device marking, packaging labels and shipment documents.

Maxim Integrated's Change Notification System is designed to keep our customer base apprised of major product, manufacturing, or facility improvements.

Nasser Ali Chaouche

Nasser AliChaouche / PCN Coordinator

For further information, please contact either of the people listed below.

Contact your local Maxim Integrated Company Representative or Nasser AliChaouche, PCN Coordinator
408-601-5660 / pcn.coordinator@maximintegrated.com