

Title of Change:	Fab5 Constrained Supply of Logic Products	
Effective date:	07 Mar 2022	
Contact information:	Contact your local onsemi Sales Office	
Type of notification:	This Product Bulletin is for notification purposes only. onsemi will proceed with implementation of this change upon publication of this Product Bulletin.	
Change Category:	Supply Constraint	
Change Sub-Category(s):	Supply Constraint	
Sites Affected:		
onsemi Sites	External Foundry/Subcon Sites	
None	Tower Partners Semiconductor (TPSCo) fab 5	
<p>Description and Purpose: Due to extreme wafer constraints from our supplier foundry, Tower Partners Semiconductor (TPSCo), specifically TPSCo Fab5, we are providing this Product Bulletin (PB) Alert.</p> <p>The Logic products supported from this foundry are severely constrained with little to no support in 2H22 for most OPNs and no support beyond 2022.</p> <p>For most impacted OPNs, onsemi has a potential alternative solution that should work for most customers. For the Fab5 Orderable Part Numbers (OPN) without an alternative solution, we will allocate the available supply to those impacted customers in 2H22 – additional details will be provided in the future.</p> <p>Attached is a cross-reference for the potential alternative OPNs that are qualified and sourced from different sites within our supply chain (fab/assembly/test). In addition to the extreme wafer constraint, onsemi will make datasheet changes to clarify and align to the electrical specifications of these alternate devices. These changes have no effect on form, fit, or function of the devices previously listed on the datasheet.</p> <p>Immediate Action: Customers must place backlog for the alternative OPN as soon as possible to replace their backlog for the current Fab5 OPN no later than 21Mar22. Every effort will be made to provide continuity of supply, however, without a replacement backlog in place, there will be no opportunity to bridge supply. Please convert the backlog by the deadline as that will be used to cut an equitable allocation.</p> <p>Failure to do so will put existing orders at risk, as the severely reduced remaining capacity will be prioritized to customers without viable alternatives.</p> <p>Suggested alternate OPNs may be priced at different levels due to different site sources and materials. In addition, some suggested alternate parts will have extended lead-times.</p> <p>Some existing 2022 scheduled backlog for FAB5 OPNs will be pushed out due to limited supply.</p> <p>At onsemi, we understand this is a very disruptive situation amid global shortages and appreciate your ongoing partnership. For additional support please contact your Sales Contact or Customer Service Representative.</p>		
List of Affected Parts (attached):		
<p>To view attached Parts List:</p> <ol style="list-style-type: none"> 1. Download pdf copy of the PCN to your computer 2. Open the downloaded pdf copy of the PCN 3. Click on the paper clip icon available on the menu provided in the left/bottom portion of the screen to reveal the Attachment field 4. Then click on the attached file/s 		