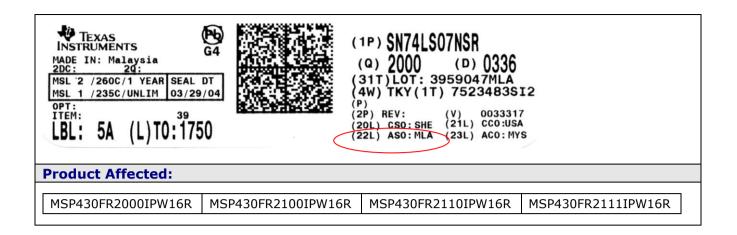
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Assembly Process			Data Sheet					Wafer Bump Material				
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Qualification Report

Approval Date: 04-Mar-2020

Qualification Results

Data Displayed as: Number of lots / Total sample size / Total failed

Туре	Test Name / Condition	Duration	Qual Device: <u>MSP430FR2522IPW16</u>	
AC	Autoclave 121C	96 Hours	3/231/0	
HAST	Biased HAST, 130C/85%RH	96 Hours	3/77/0	
HTSL	High Temp. Storage Bake, 150C	1000 Hours	3/231/0	
TC	Temperature Cycle, -65/150C	500 Cycles	3/231/0	
WBP	Bond Pull	Wires	3/228/0	
WBS	Ball Bond Shear	Wires	3/228/0	

- QBS: Qualification By Similarity

- Qualification Device MSP430FR2522IPW16 is qualified at Moisture Sensitivity LEVEL2-260C.

- Preconditioning was performed for Autoclave, Biased HAST, Temperature Cycle, and HTSL.

Quality and Environmental data is available at TI's external Web site: http://www.ti.com/ Green/Pb-free Status: Qualified Pb-Free(SMT) and Green

For questions regarding this notice, e-mails can be sent to the contacts shown below or your local Field Sales Representative.

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