

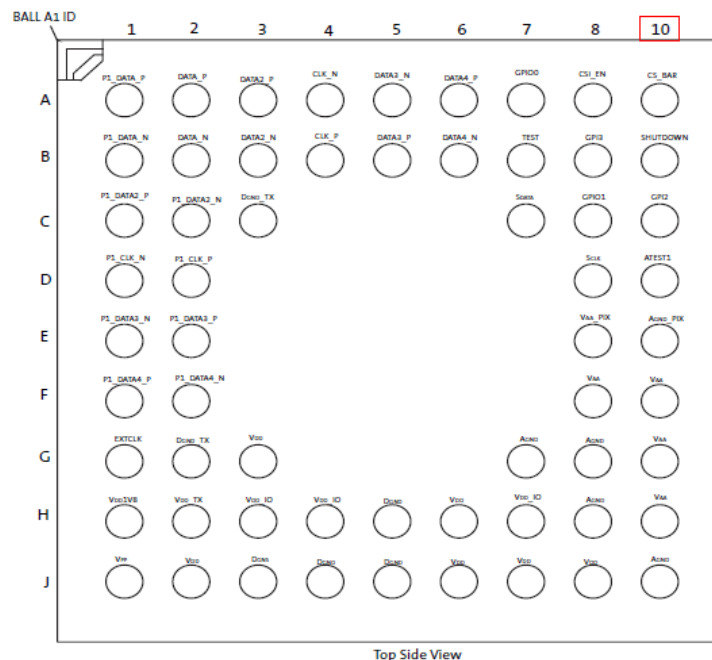


Title of Change:	Datasheet correction for the AR1820, Figure 66 errors.		
Effective date:	15 July 2015		
Contact information:	Contact your local ON Semiconductor Sales Office or <Sonya.Yip@onsemi.com>		
Type of notification:	ON Semiconductor will consider this change accepted.		
Change category:	<input type="checkbox"/> Wafer Fab Change <input type="checkbox"/> Assembly Change <input type="checkbox"/> Test Change <input checked="" type="checkbox"/> Other _____		
Change Sub-Category(s):	<input type="checkbox"/> Manufacturing Site Change/Addition <input type="checkbox"/> Manufacturing Process Change <input type="checkbox"/> Material Change <input type="checkbox"/> Product specific change <input checked="" type="checkbox"/> Datasheet/Product Doc change <input type="checkbox"/> Shipping/Packaging/Marking <input type="checkbox"/> Other: _____		
Sites Affected:	<input checked="" type="checkbox"/> All site(s) <input type="checkbox"/> not applicable <input type="checkbox"/> ON Semiconductor site(s) : <input type="checkbox"/> External Foundry/Subcon site(s)		

Description and Purpose:

It was identified by Field Applications Engineer that iBGA Package Pinout (Figure 66) found in revision G from January 2015 had errors and needed to be updated. In order to correct this, the following changes have been made.

1. Change column 10 to column 9

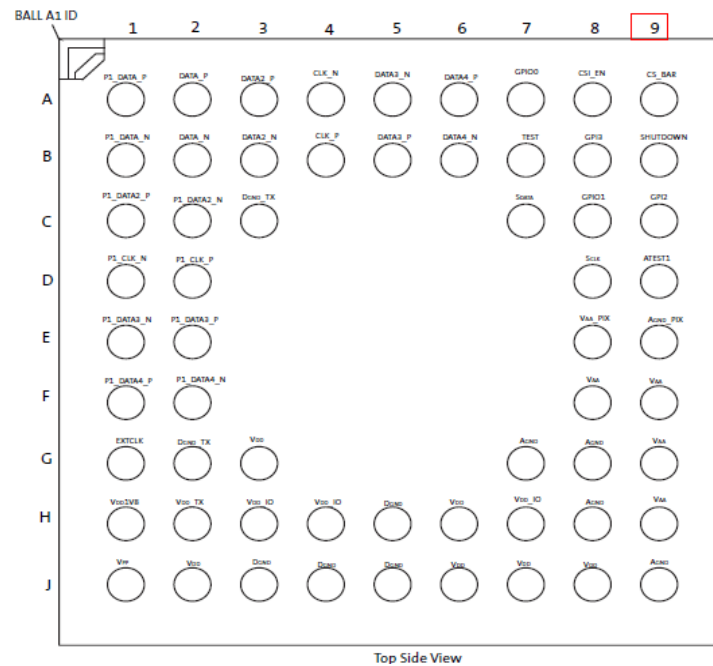
Old iBGA Package Pinout (Figure 66) with incorrect column 10 label**Package Dimensions****Figure 66: iBGA Package Pinout**



New iBGA Package Pinout (Figure 66) with column 10 correctly changed to column 9

Package Dimensions

Figure 66: iBGA Package Pinout

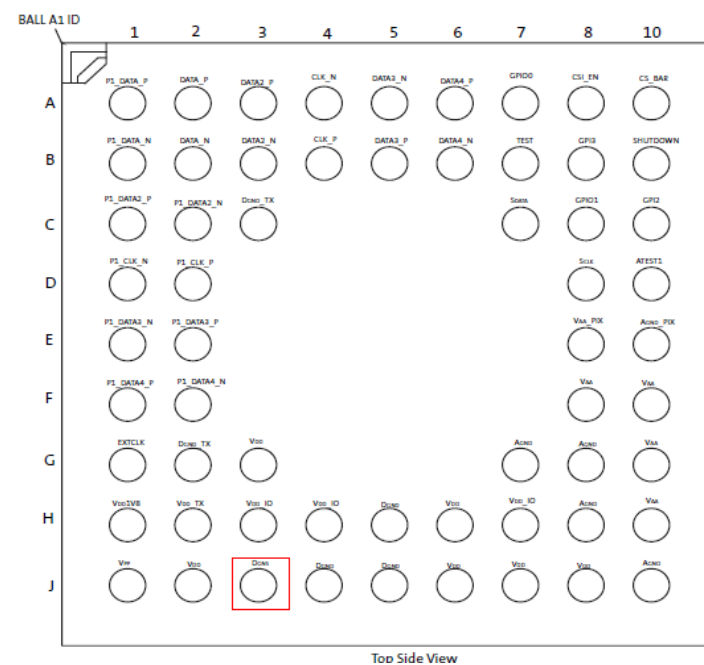


2. Change solder ball J3 from "DGNS" to "DGND"

Old iBGA Package Pinout (Figure 66) with J3 incorrectly labeled as DGNS

Package Dimensions

Figure 66: iBGA Package Pinout

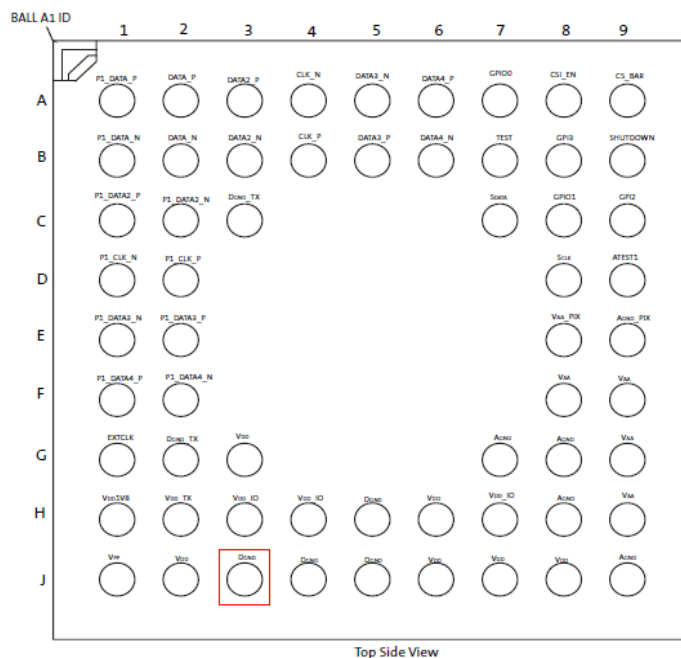




New iBGA Package Pinout (Figure 66) with J3 correctly labeled as DGND

Package Dimensions

Figure 66: iBGA Package Pinout



This change is the result of a documentation error only; there is no change to the product form, fit, or function.

List of affected Standard Parts:

AR1820HSSC00SHEA0-DR
 AR1820HSSC12SHEA0-DR
 AR1820HSSC12SMD20
 AR1820HSSC31SMD20
 AR1820HSSC00SHQAD3-GEVK
 AR1820HSSC00SHQAH3-GEVB
 AR1820HSSC12SHQAD3-GEVK
 AR1820HSSC12SHQAH3-GEVB
 AR1820HSSC31SMEAD3-GEVK
 AR1820HSSC31SMEAH3-GEVB