



PCN: V17-002-SD475420-0A

Product Change Notice

Issue Date: 17 July 2017

Change Type:

Introduction of an alternate lead frame source

Parts Affected:

Group 1:

ASMT-UAB0-ZU8D2	ASMT-URB4-ZU802	ASMT-UWB1-ZX3F2	ASMT-UWA1-ZX3C2
ASMT-UAB4-YU7C2	QSMT-URJ1-ZU802	ASMT-UWB1-ZX3G2	ASMT-UWA1-ZX702
ASMT-UAB4-YU802	QSMT-URFB-ZU802	ASMT-UWB1-ZX3H2	ASMT-UWA1-ZX6B2
ASMT-UAB4-YU8E2	ASMT-URB4-YV302	ASMT-UWB1-ZX3J2	ASMT-UWA1-ZX7B2
ASMT-UAB4-ZU802	ASMT-URB4-ZV302	ASMT-UWB1-ZX7A2	ASMT-UWA1-ZX7C2
ASMT-UAB4-ZU8C2	ASMT-JRB4-ZU802	ASMT-UWB1-ZX7B2	ASMT-UWA1-ZX7F2
ASMT-UAB4-ZU8J2	ASMT-JRB4-ZV302	ASMT-UWB1-ZX7C2	QSMT-UWES-ZX6Z2
ASMT-UAB4-ZU4H2	QSMT-JRBG-ZV302	ASMT-UWB1-ZX702	QSMT-UWBV-ZX7C2
ASMT-UAB4-ZU7C2	ASMT-UWB1-ZAAB2	ASMT-UWB1-ZX7D2	QSMT-UWAE-ZX7Z2
ASMT-UAB4-ZU7H2	ASMT-UWB1-ZAAC2	ASMT-UWB1-ZX7E2	QSMT-UWKB-ZX3Z2
QSMT-UAJ1-ZU4H2	ASMT-UWB1-ZAAH2	ASMT-UWB1-ZX7F2	QSMT-UWHT-ZX7Z2
ASMT-UAB4-ZV3C2	ASMT-UWB1-NX302	QSMT-UWC1-ZX3A2	QSMT-UWLM-ZX7C2
ASMT-UAB4-ZV3H2	ASMT-UWB1-NX312	QSMT-UWBB-ZX3Z2	QSMT-UWAG-ZX7B2
ASMT-UAA0-ZU8D2	ASMT-UWB1-NX3A2	QSMT-UWHL-ZX7B2	QSMT-UWAL-ZX7C2
ASMT-JAB4-ZU7C2	ASMT-UWB1-NX3B2	QSMT-UWAM-ZX3Z2	ASMT-UWB2-NX302
ASMT-JAB4-ZU7H2	ASMT-UWB1-NX3C2	QSMT-UWT1-ZX3Z2	ASMT-UWB2-NX3A2
QSMT-UAA4-PUCJ2	ASMT-UWB1-NX3D2	QSMT-UWDM-ZX7D2	ASMT-UWB2-NX3B2
QZMT-UAA4-PUCJ2	ASMT-UWB1-NX3E2	QSMT-UWKC-ZX7B2	ASMT-UWB2-NX3C2
QSMT-UAAZ-ZU7C2	ASMT-UWB1-NX3F2	QSMT-UWAR-ZX7B2	ASMT-UWB2-NX3D2
QSMT-UASB-ZU8D2	ASMT-UWB1-NX3G2	QSMT-UWAT-ZX3Z2	ASMT-UWB2-NX3E2
QSMT-JAAE-ZU7C2	ASMT-UWB1-NX3H2	QSMT-UWPL-ZX7C2	ASMT-UWB2-NW7F2
ASMT-JAB4-ZV3C2	ASMT-UWB1-NX3J2	QSMT-UWMB-ZX7C2	ASMT-UWB2-NW7G2
ASMT-JAB4-ZV3H2	ASMT-UWB1-NX702	QSMT-UWHW-ZX3Z2	ASMT-UWB2-NW7H2
QSMT-JAAZ-ZV2C2	ASMT-UWB1-NX7A2	QSMT-UWCV-ZX7C2	ASMT-UWB2-NW7J2
QSMT-JAAE-ZV2C2	ASMT-UWB1-NX7B2	QSMT-UWAA-NX3Z2	ASMT-UWB2-ZX302
QSMT-JALM-ZV2C2	ASMT-UWB1-NX7C2	QSMT-UWCV-NX3A2	ASMT-UWB2-ZX3A2
QSMT-JAAE-ZV3C2	ASMT-UWB1-NX7D2	QSMT-UWHW-NX3Z2	ASMT-UWB2-ZX3B2
QSMT-JAAT-ZV3C2	ASMT-UWB1-NX7E2	QSMT-UWKH-NX3B2	ASMT-UWB2-ZX3C2
QSMT-JAAZ-ZV3C2	ASMT-UWB1-NX7F2	QSMT-UWP1-ZX3Z2	ASMT-UWB2-ZX3D2
ASMT-UHB4-YU8A2	ASMT-UWB1-ZX302	QSMT-UWP2-ZX3Z2	ASMT-UWB2-ZX3E2

ASMT-UHB4-ZU802	ASMT-UWB1-ZX312	QSMT-UWWM-ZX3B2	ASMT-UWB2-ZW7F2
ASMT-UHB4-ZV302	ASMT-UWB1-ZX3A2	QZMT-UWHS-NX3Z2	ASMT-UWB2-ZW7G2
ASMT-JHB4-ZU802	ASMT-UWB1-ZX3B2	QSMT-UWJC-ZX3B2	ASMT-UWB2-ZW7H2
ASMT-JHB4-ZV302	ASMT-UWB1-ZX3C2	QSMT-UWS1-ZX3Z2	ASMT-UWB2-ZW7J2
ASMT-UJB4-ZV3C2	ASMT-UWB1-ZX3D2	ASMT-UWA1-ZX302	
ASMT-URB4-YU802	ASMT-UWB1-ZX3E2	ASMT-UWA1-ZX3B2	

Group 2:

ASMT-UGB5-YV7Y2	QSMT-UGB5-ZW7Y2
ASMT-UGB5-ZV702	QSMT-UBRC-ZP4PC
ASMT-UGB5-ZV7Q2	ASMT-UBB5-ZS8Q2
ASMT-UGB5-ZV7P2	ASMT-UBB5-ZS7Q2
ASMT-UGB5-ZV7Y2	ASMT-UBB5-ZS7P2
QSMT-UGB5-ZV7Y2	ASMT-UBB5-ZS7Y2
ASMT-UGB5-ZW7Y2	ASMT-UBB5-ZT3Q2
ASMT-UGB5-ZW702	ASMT-UBB5-ZT3P2
ASMT-UGB5-ZW7P2	ASMT-UBB5-ZT3Y2
ASMT-UGB5-ZW7Q2	QSMT-UBB5-ZT3Y2

Description and Extent of Change:

Alternate lead frame source

The selected lead frame source had undergone Broadcom's qualification process and is deemed suitable as alternate lead frame source.

Group	Existing	New source
1		
2		

Reasons for Change:

Assurance of supply

Effect of Change on Fit, Form, Function, Quality, or Reliability:

There is no effect on fit and function as per datasheet. Qualification and characterization have been conducted to ensure both existing and alternate lead frame source are comparable.

Effective Date of Change:

The shipment with above change will commence 90 days after issuance date above.

Qualification Data:

No	Test Type	Stress Condition	Test Condition	SS / Cells	Number of failure
1	TMCL	-55/100°C, 15 5 15mins, 100x	HT + ET	112	0
2	HTOL	70°C/ 25mA, 1000hrs	ET	28	0
3	WHTOL	85°C/85%RH 15mA, 1000hrs	ET	28	0
4	WHTSL	85°C/85%RH, 1000hrs	ET	28	0
5	HTSL	100°C, 1000hrs	ET	28	0
6	Solderability	solder dip 245°C; 5sec	Visual	20	0

These changes have been reviewed and approved by Broadcom Limited engineers and managers per Broadcom Limited' procedure: Change Control and Customer Notification, 5962-6052-80.

Please contact your Broadcom Limited field sales for any questions or support requirements. Please return any response as soon as possible, but not to exceed 30 days.