

**Customer Notification**  
 (CN Tracking Number: EE-QR-180801-01)  
 Version 1.0

<b>Customer:</b>	All Customers
<b>Renesas Product Type:</b>	Standard SRAM (TSOP) products. Please refer to the separate list
<b>Description of Change:</b>	Change of lead frame type from etched to stamped for 44 pin TSOP(II) products assembled in Amkor Technology Malaysia. No change in order code or package marking.
<b>Reason for Change:</b>	To serve the objective of stable supply for increasing customer demand.
<b>Schedules:</b>	Shipment from January 2019 onwards.
<b>Anticipated Impact:</b>	None. There is neither a change in the external form, fit of package, base material of lead frame, nor in the electrical functionality. No change in quality and reliability of the products.
<b>Document no.</b>	EEQC-PCN-CR-18-0030
<b>Internal Reference:</b>	PC-M62-B002A/E

In case of any question, please contact:

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Düsseldorf, 1 August 2018

**Details of Change:**

Comparison (Inner lead shape)

	Pre-change (etched type)	Post-change (stamped type)
Top view		
Bottom view		

**Product List:**

Package Type	Product Type (Density, Supply Voltage)	Orderable part name
44pin-TSOP(II)	2Mb 3V	R1LV0216BSB-5SI#B1
		R1LV0216BSB-5SI#S1
	4Mb 3V	RMLV0414EGSB-4S2#AA1
		RMLV0414EGSB-4S2#HA1
		RMLV0416EGSB-4S2#AA1
		RMLV0416EGSB-4S2#HA1
	8Mb 3V	RMLV0808BGSB-4S2#AA0
		RMLV0808BGSB-4S2#HA0
		RMLV0816BGSB-4S2#AA0
		RMLV0816BGSB-4S2#HA0