

New Tel-Note to Correspond with Bourns® Design Kit H-852

Riverside, California - January 21, 2015 - Bourns is pleased to announce the release of the **LTE RRU Power Module Tel-Note** to correspond with the existing Design Kit H-852. Design Kit H-852 contains a series of Bourns® Model 3224 SMD Trimpot® Trimming Potentiometers with various resistance levels.

Mobile broadband power supplies often need adjustment of output voltage to compensate for unit to unit variations or variations due to differences in system wiring. The Bourns® Model 3224 Series of Surface Mount Trimpot® Trimming Potentiometers are ideal for applications where board space is limited and accurate voltage adjustment is required.

The new Tel-Note and existing Design Kit are available on Bourns' website at www.bourns.com.

BOURNS TEL-NOTES
Mobile Broadband Power Supplies

LTE RRU POWER MODULE

Current or Voltage Adjustment

Objective
LTE RRU power modules often require precise current and/or voltage output adjustment. The purpose of this note is to introduce an efficient and low-cost solution for the adjustment of 4G LTE RRU power modules.

A miniature SMD trimming potentiometer can be added to circuitry to adjust either the voltage output or precision current in 4G LTE RRU power modules.

Solution
4 pins SMD Trimpot® Trimming Potentiometer: 3224W-1-102E*

*Additional part numbers included in Design Kit:
• 3224W-1-103E
• 3224W-1-503E
• 3224J-1-102E
• 3224J-1-103E
• 3224J-1-503E

Features & Benefits

- Low profile 4 pins SMD trimmer
- Suited for board processing, consistent with Bourns guidelines
- Inhibitors current element
- Wide range of resistance values
- Wiper pre-set at 50% ± 10% of actual total resistance for quick adjustment
- RoHS compliant**
- Halogen free***

Product
3224W-1-102E

Design Kit
H-852

Precision Current Limiter

Voltage Adjustable Circuit

BOURNS

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**RoHS compliant, except for traces
***Lead-free solder compatible finish, in accordance with IPC-A-610



Tel-Note Solution	Design Kit	Components Included
LTE RRU Power Module Current or Voltage Adjustment	H-852	3224W-1-102E 3224W-1-103E 3224W-1-503E 3224J-1-102E 3224J-1-103E 3224J-1-503E

Should you have any questions or need additional information, please feel free to contact [Customer Service/Inside Sales](#).