Dear [Recipient Name]:

The HiRel Group at International Rectifier is changing the nomenclature used to identify the power electronic modules currently manufactured at its Leominster, Massachusetts facility. The new system will consist of a more descriptive part number which will provide the user, information about the ratings of the part and the circuit topography. This intuitive approach to part numbering will help the user choose the correct part for each application.

In the past, OMR96XXXXX part number has been used to describe IR’s Radiation Hardened Ultra Low Dropout Regulator product line. Henceforth, the part numbering system will consist of a series of letters and numbers describing significant ratings of the device. This is merely a change to the description of the device. No changes have been made to the material or manufacturing processes used in the assembly of the device. The new part numbers are a direct replacement for the original part numbers. Description of new part numbering system and a cross reference list has been provided on the second page.

There shall be a 90 day grace period to accommodate the change, any orders received after January 28th shall need to use the new part number. Incoming orders with current part number shall be processed once before you are required to use the new part number for subsequent orders.

For questions concerning this change, please contact your local IR sales representative. As always, we are pleased to serve you and thank you for making IR the number one choice in high reliability power management.

Sincerely,

Michael Toland
Marketing/Applications Engineering
## HiRel Linear Regulator Module Nomenclature

### Linear Regulator Module
- **R** – Standard Regulator
- **L** – Low Dropout Regulator
- **U** – Ultra Low Dropout Regulator

### Radiation Hardening
- Blank = No RAD tolerance
- **H** = RAD hardened or tolerant

### Input Voltage
- **33** = 3.3V
- **50** = 5.0

### Polarity
- **P** = Positive
- **N** = Negative

### Output Voltage
- **18** = 1.8V
- **25** = 2.5V
- **33** = 3.3V
- **A1** = Adjustable 1.26V to 3.2V
- **A2** = Adjustable 2.5V to 4.6V

### Lead Form Options
- **A** = Lead Form Down
- **B** = Lead Form Up
- **C** = Lead Trimmed

### Screening Level
- **P** = Unscreened, 25°C
- **H** = Class H per MIL-PRF-38534
- **K** = Class K per MIL-PRF-38534

### RAD Level
- Blank = No RAD Tolerance
- **02** = 20 KRADS
- **03** = 30 KRADS
- **05** = 50 KRADS
- **10** = 100 KRADS
- **20** = 200 KRADS
- **30** = 300 KRADS
- **1M** = 1000 KRADS

### Package Type
- **A** = 8 Lead Flat Pack
- **B** = MO-078
- **C** = SMD-0.5
- **D** = TO-257
- **E** = TO-258
- **F** = TO-39

### Max Output Current
- **3** = 3 Amps
- **5** = 5 Amps

### Old Part Number | New Part Number | Old Part Number | New Part Number | Old Part Number | New Part Number
--- | --- | --- | --- | --- | ---
OMR9600SCP | IRUH33P183B1MP | OMR9604SFK | IRUH33PA13A1MK | OMR9608SFP | IRUH50P333A1MP
OMR9600SCK | IRUH33P183B1MK | OMR9605SCP | IRUH50PA23B1MP | OMR9608SFK | IRUH50P333A1MK
OMR9600SFP | IRUH33P183A1MP | OMR9605SCK | IRUH50PA23B1MK | OMR9804SCP | IRUH33PA13B20P
OMR9601SCP | IRUH33P253B1MP | OMR9605FK | IRUH50PA23A1MP | OMR9804SCK | IRUH33PA13B20K
OMR9601SCK | IRUH33P253B1MK | OMR9607SCP | IRUH50P253B1MP | OMR9804SFK | IRUH33PA13A20P
OMR9601SFP | IRUH33P253A1MP | OMR9607SCK | IRUH50P253B1MK | OMR9805SCP | IRUH50PA23B20K
OMR9601SFK | IRUH33P253A1MK | OMR9607SFP | IRUH50P253A1MP | OMR9805SCK | IRUH50PA23B20K
OMR9604SCP | IRUH33PA13B1MP | OMR9607SFK | IRUH50P253A1MK | OMR9805SFP | IRUH50PA23A20P
OMR9604SCK | IRUH33PA13B1MK | OMR9608SCP | IRUH50P333B1MP | OMR9805SFK | IRUH50PA23A20K
OMR9604SFP | IRUH33PA13A1MP | OMR9608SCK | IRUH50P333B1MK |