

# PLASTIC PACKAGE HEXFETs

INTERNATIONAL RECTIFIER **IR**

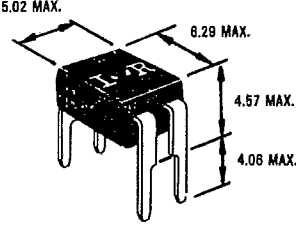
INTERNATIONAL RECTIFIER  
HEXDIP™ Package

26E D

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T-39-03

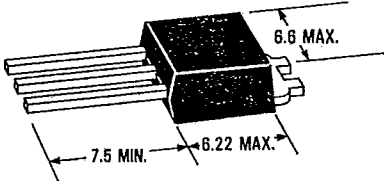
## N-CHANNEL

| Types     | V <sub>DS</sub><br>V | R <sub>DS(ON)</sub><br>(max)<br>Ω | I <sub>D</sub> cont<br>T <sub>C</sub> = 25°C<br>A | I <sub>DM</sub><br>pulsed<br>A | P <sub>D</sub><br>max<br>W | Bulletin | Case Style                                                                                                                |
|-----------|----------------------|-----------------------------------|---------------------------------------------------|--------------------------------|----------------------------|----------|---------------------------------------------------------------------------------------------------------------------------|
| IRFD024 * | 60                   | 0.10                              | 2.4                                               | 19.0                           | 1                          | —        | HD-1<br>Similar to<br>MO-001AN<br><br> |
| IRFD025 * |                      | 0.12                              | 2.2                                               | 18.0                           | 1                          | —        |                                                                                                                           |
| IRFD014 * |                      | 0.20                              | 1.7                                               | 14.0                           | 1                          | —        |                                                                                                                           |
| IRFD015 * |                      | 0.30                              | 1.4                                               | 11.0                           | 1                          | —        |                                                                                                                           |
| IRFD123   | 80                   | 0.4                               | 1.1                                               | 8.8                            | 1                          | PD-9.385 |                                                                                                                           |
| IRFD113   |                      | 0.8                               | 0.8                                               | 6.4                            | 1                          | PD-9.328 |                                                                                                                           |
| IRFD123   |                      | 3.2                               | 0.4                                               | 3.2                            | 1                          | PD-9.380 |                                                                                                                           |
| IRFD120   | 100                  | 0.3                               | 1.3                                               | 10.4                           | 1                          | PD-9.385 |                                                                                                                           |
| IRFD110   |                      | 0.6                               | 1.0                                               | 8.0                            | 1                          | PD-9.328 |                                                                                                                           |
| IRFD120   |                      | 2.4                               | 0.5                                               | 4.0                            | 1                          | PD-9.380 |                                                                                                                           |
| IRFD223   | 150                  | 1.2                               | 0.7                                               | 5.6                            | 1                          | PD-9.417 |                                                                                                                           |
| IRFD213   |                      | 2.4                               | 0.45                                              | 1.8                            | 1                          | PD-9.386 |                                                                                                                           |
| IRFD220   | 200                  | 0.8                               | 0.8                                               | 6.4                            | 1                          | PD-9.417 |                                                                                                                           |
| IRFD210   |                      | 1.5                               | 0.6                                               | 2.5                            | 1                          | PD-9.386 |                                                                                                                           |

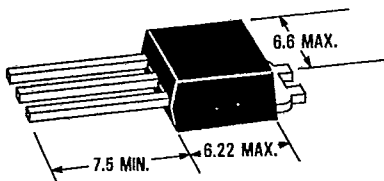
## P-CHANNEL

|            |      |      |       |       |   |          |
|------------|------|------|-------|-------|---|----------|
| IRFD9024 * | -60  | 0.28 | -1.6  | -13.0 | 1 | —        |
| IRFD9025 * |      | 0.33 | -1.4  | -11.0 | 1 | —        |
| IRFD9014 * |      | 0.50 | -1.1  | -8.8  | 1 | —        |
| IRFD9015 * |      | 0.70 | -0.91 | -7.3  | 1 | —        |
| IRFD9123   | -80  | 0.8  | -0.8  | -6.4  | 1 | PD-9.331 |
| IRFD9113   |      | 1.6  | -0.6  | -2.5  | 1 | PD-9.389 |
| IRFD9120   | -100 | 0.6  | -1.0  | -8.0  | 1 | PD-9.331 |
| IRFD9110   |      | 1.2  | -0.7  | -3.0  | 1 | PD-9.389 |
| IRFD9223   | -150 | 2.4  | -0.45 | -3.6  | 1 | PD-9.439 |
| IRFD9213   |      | 4.5  | -0.3  | -1.2  | 1 | PD-9.387 |
| IRFD9220   | -200 | 1.5  | -0.6  | -4.8  | 1 | PD-9.439 |
| IRFD9210   |      | 3.0  | -0.4  | -1.6  | 1 | PD-9.387 |

## I-pak Package N-CHANNEL

|         |     |      |      |      |    |          |                                                                                                                  |
|---------|-----|------|------|------|----|----------|------------------------------------------------------------------------------------------------------------------|
| IRFU024 | 60  | 0.10 | 15.0 | 60.0 | 42 | PD-9.515 | TO-251AA<br>(I-pak)<br><br> |
| IRFU014 |     | 0.20 | 8.2  | 33.0 | 25 | PD-9.514 |                                                                                                                  |
| IRFU121 | 80  | 0.27 | 8.4  | 34.0 | 50 | PD-9.523 |                                                                                                                  |
| IRFU111 |     | 0.54 | 4.7  | 17.0 | 30 | PD-9.524 |                                                                                                                  |
| IRFU120 | 100 | 0.27 | 8.4  | 34.0 | 50 | PD-9.523 |                                                                                                                  |
| IRFU110 |     | 0.54 | 4.7  | 17.0 | 30 | PD-9.524 |                                                                                                                  |
| IRFU220 |     | 0.80 | 4.6  | 18.0 | 42 | PD-9.525 |                                                                                                                  |
| IRFU222 |     | 1.20 | 3.8  | 15.0 | 42 | PD-9.525 |                                                                                                                  |
| IRFU210 | 200 | 1.50 | 2.7  | 11.0 | 25 | PD-9.526 |                                                                                                                  |
| IRFU212 |     | 2.40 | 2.1  | 8.4  | 25 | PD-9.526 |                                                                                                                  |
| IRFU224 | 250 | 1.10 | 3.8  | 15.2 | 42 | PD-9.600 |                                                                                                                  |
| IRFU214 |     | 2.00 | 2.0  | 8.0  | 25 | PD-9.601 |                                                                                                                  |
| IRFU320 | 400 | 1.80 | 3.1  | 12.0 | 42 | PD-9.598 |                                                                                                                  |
| IRFU310 |     | 3.60 | 1.7  | 4.3  | 25 | PD-9.597 |                                                                                                                  |
| IRFUC20 | 600 | 4.40 | 2.0  | 8.0  | 42 | PD-9.637 |                                                                                                                  |

## P-CHANNEL

|          |      |      |       |       |    |          |                                                                                                                  |
|----------|------|------|-------|-------|----|----------|------------------------------------------------------------------------------------------------------------------|
| IRFU9024 | -60  | 0.28 | -9.90 | -40.0 | 42 | PD-9.517 | TO-251AA<br>(I-pak)<br><br> |
| IRFU9014 |      | 0.50 | -5.30 | -21.0 | 25 | PD-9.516 |                                                                                                                  |
| IRFU9121 | -80  | 0.60 | -5.90 | -24.0 | 42 | PD-9.520 |                                                                                                                  |
| IRFU9111 |      | 1.20 | -3.20 | -13.0 | 25 | PD-9.519 |                                                                                                                  |
| IRFU9120 | -100 | 0.60 | -5.90 | -24.0 | 42 | PD-9.520 |                                                                                                                  |
| IRFU9110 |      | 1.20 | -3.20 | -13.0 | 25 | PD-9.519 |                                                                                                                  |
| IRFU9220 | -200 | 1.50 | -3.60 | -14.0 | 42 | PD-9.522 |                                                                                                                  |
| IRFU9222 |      | 2.40 | -2.80 | -11.0 | 42 | PD-9.522 |                                                                                                                  |
| IRFU9210 |      | 3.00 | -2.00 | -8.0  | 25 | PD-9.521 |                                                                                                                  |
| IRFU9212 |      | 4.50 | -1.60 | -6.4  | 25 | PD-9.521 |                                                                                                                  |

\* Provisional data.