

**TO-39 Package  
N-CHANNEL**

T-39-03

| Types  | V <sub>DS</sub><br>V | R <sub>DS(ON)</sub><br>(max)<br>Ω                              | I <sub>D cont</sub><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          |
|--|----------------------|--|--|--|--|--|---------------------|
| IRFF131<br>2N6795<br>IRFF133<br>IRFF121<br>2N6787<br>IRFF123<br>IRFF111<br>2N6781<br>IRFF113 | 80                   | 0.18<br>0.18<br>0.25<br>0.3<br>0.3<br>0.4<br>0.6<br>0.6<br>0.8 | 8.0<br>8.0<br>7.0<br>6.0<br>6.0<br>5.0<br>3.5<br>3.5<br>3.0    | 32.0<br>32.0<br>28.0<br>24.0<br>24.0<br>20.0<br>14.0<br>14.0<br>12.0 | 25<br>25<br>25<br>20<br>20<br>20<br>15<br>15<br>15 | PD-9.341<br>—<br>PD-9.341<br>PD-9.342<br>—<br>PD-9.342<br>PD-9.343<br>—<br>PD-9.343                      | TO-205AF<br>(TO-39) |
| IRFF130<br>2N6796<br>IRFF132<br>IRFF120<br>2N6788<br>IRFF122<br>IRFF110<br>2N6782<br>IRFF112 | 100                  | 0.18<br>0.18<br>0.25<br>0.3<br>0.3<br>0.4<br>0.6<br>0.6<br>0.8 | 8.0<br>8.0<br>7.0<br>6.0<br>6.0<br>5.0<br>3.5<br>3.5<br>3.0    | 32.0<br>32.0<br>28.0<br>24.0<br>24.0<br>20.0<br>14.0<br>14.0<br>12.0 | 25<br>25<br>25<br>20<br>20<br>20<br>15<br>15<br>15 | PD-9.341<br>PD-9.430<br>PD-9.341<br>PD-9.342<br>PD-9.426<br>PD-9.342<br>PD-9.343<br>PD-9.423<br>PD-9.343 |                     |
| IRFF231<br>2N6797<br>IRFF233<br>IRFF221<br>2N6789<br>IRFF223<br>IRFF211<br>2N6788<br>IRFF213 | 150                  | 0.4<br>0.4<br>0.6<br>0.8<br>0.8<br>1.2<br>1.5<br>1.5<br>2.4    | 5.5<br>5.5<br>4.5<br>3.5<br>3.5<br>3.0<br>2.2<br>2.25<br>1.8   | 22.0<br>22.0<br>18.0<br>14.0<br>14.0<br>12.0<br>9.0<br>9.0<br>7.5    | 25<br>25<br>25<br>20<br>20<br>20<br>15<br>15<br>15 | PD-9.354<br>—<br>PD-9.354<br>PD-9.378<br>—<br>PD-9.378<br>PD-9.353<br>PD-9.426<br>PD-9.353               |                     |
| IRFF230<br>2N6798<br>IRFF232<br>IRFF220<br>2N6790<br>IRFF222<br>IRFF210<br>2N6784<br>IRFF212 | 200                  | 0.4<br>0.4<br>0.6<br>0.8<br>0.8<br>1.2<br>1.5<br>1.5<br>2.4    | 5.5<br>5.5<br>4.5<br>3.5<br>3.5<br>3.0<br>2.2<br>2.25<br>1.8   | 22.0<br>22.0<br>18.0<br>14.0<br>14.0<br>12.0<br>9.0<br>9.0<br>7.5    | 25<br>25<br>25<br>20<br>20<br>20<br>15<br>15<br>15 | PD-9.354<br>PD-9.431<br>PD-9.354<br>PD-9.378<br>PD-9.427<br>PD-9.378<br>PD-9.353<br>PD-9.424<br>PD-9.353 |                     |
| 2N6799<br>IRFF331<br>IRFF333<br>IRFF321<br>2N6791<br>IRFF323<br>IRFF311<br>2N6785<br>IRFF313 | 350                  | 1.0<br>1.0<br>1.5<br>1.8<br>1.8<br>2.5<br>3.6<br>3.6<br>5.0    | 3.0<br>3.5<br>3.0<br>2.5<br>2.0<br>2.0<br>1.35<br>1.25<br>1.15 | 14.0<br>14.0<br>12.0<br>10.0<br>10.0<br>8.0<br>5.5<br>5.5<br>4.5     | 25<br>25<br>25<br>20<br>20<br>20<br>15<br>15<br>15 | —<br>PD-9.357<br>PD-9.357<br>PD-9.356<br>—<br>PD-9.356<br>PD-9.355<br>—<br>PD-9.355                      |                     |
| 2N6800<br>IRFF330<br>IRFF332<br>IRFF320<br>2N6792<br>IRFF322<br>IRFF310<br>2N6786<br>IRFF312 | 400                  | 1.0<br>1.0<br>1.5<br>1.8<br>1.8<br>2.5<br>3.5<br>3.6<br>5.0    | 3.0<br>3.5<br>3.0<br>2.5<br>2.0<br>2.0<br>1.35<br>1.25<br>1.15 | 14.0<br>14.0<br>12.0<br>10.0<br>10.0<br>8.0<br>5.5<br>5.5<br>4.5     | 25<br>25<br>25<br>20<br>20<br>20<br>15<br>15<br>15 | PD-9.432<br>PD-9.357<br>PD-9.357<br>PD-9.356<br>PD-9.428<br>PD-9.356<br>PD-9.355<br>PD-9.425<br>PD-9.355 |                     |
| IRFF431<br>2N6701<br>IRFF433<br>IRFF421<br>2N6793<br>IRFF423                                 | 450                  | 1.5<br>1.5<br>2.0<br>3.0<br>3.0<br>4.0                         | 2.75<br>3.50<br>2.25<br>1.6<br>1.5<br>1.4                      | 11.0<br>11.0<br>9.0<br>6.5<br>6.5<br>5.5                             | 25<br>25<br>25<br>20<br>20<br>20                   | PD-9.377<br>—<br>PD-9.377<br>PD-9.358<br>—<br>PD-9.358   |                     |
| IRFF430<br>2N6802<br>IRFF432<br>IRFF420<br>2N6794<br>IRFF422                                 | 500                  | 1.5<br>1.5<br>2.0<br>3.0<br>3.0<br>4.0                         | 2.75<br>3.50<br>2.25<br>1.6<br>1.5<br>1.4                      | 11.0<br>11.0<br>9.0<br>6.5<br>6.5<br>5.5                             | 25<br>25<br>25<br>20<br>20<br>20                   | PD-9.377<br>PD-9.433<br>PD-9.377<br>PD-9.358<br>PD-9.429<br>PD-9.358                                     |                     |

