

| 型 名     | 社 名     | f | 最大定格 (Ta=25℃)                            |                 |                         |                         | 電 氣 的 特 性 (Ta=25℃) |                        |                  |                        |                     |     |                                      |                     |                        |                       |                    |                        |                 |                       |                         |                         | 外 形<br>備 考 |                         |                                              |
|---------|---------|---|------------------------------------------|-----------------|-------------------------|-------------------------|--------------------|------------------------|------------------|------------------------|---------------------|-----|--------------------------------------|---------------------|------------------------|-----------------------|--------------------|------------------------|-----------------|-----------------------|-------------------------|-------------------------|------------|-------------------------|----------------------------------------------|
|         |         |   | V <sub>DS</sub><br>or<br>V <sub>DG</sub> | V <sub>GS</sub> | I <sub>D</sub><br>* /CH | P <sub>D</sub><br>* /CH | I <sub>GSS</sub>   |                        | I <sub>DSS</sub> |                        | V <sub>GS(th)</sub> |     | V <sub>DS</sub> =<br>V <sub>GS</sub> | R <sub>DS(on)</sub> |                        |                       | I <sub>D(on)</sub> |                        | g <sub>fs</sub> |                       | C <sub>iss</sub>        | C <sub>oss</sub>        |            | C <sub>rss</sub>        |                                              |
|         |         |   |                                          |                 |                         |                         | (max)              | V <sub>GS</sub><br>(V) | (max)            | V <sub>DS</sub><br>(V) | min                 | max | I <sub>D</sub><br>(mA)               | (max)               | V <sub>GS</sub><br>(V) | I <sub>D</sub><br>(A) | (min)              | V <sub>GS</sub><br>(V) | (min)           | I <sub>D</sub><br>(A) | (*typ)<br>(max)<br>(pF) | (*typ)<br>(max)<br>(pF) |            | (*typ)<br>(max)<br>(pF) |                                              |
|         |         |   |                                          |                 |                         |                         |                    |                        |                  |                        |                     |     |                                      |                     |                        |                       |                    |                        |                 |                       |                         |                         |            |                         | V <sub>GS</sub> =0<br>V <sub>DS</sub><br>(V) |
| IRF9240 | SAMSUNG | P | -200                                     | ±20             | -11                     | 125                     | ±100               | ±20                    | -250             | -200                   | -2                  | -4  | -0.25                                | 0.5                 | -10                    | -6                    | -11                | -10                    | 4               | -6                    | 1300                    | 450                     | 250        | -25                     | TO-3                                         |
| IRF9241 | SAMSUNG | P | -150                                     | ±20             | -11                     | 125                     | ±100               | ±20                    | -250             | -150                   | -2                  | -4  | -0.25                                | 0.5                 | -10                    | -6                    | -11                | -10                    | 4               | -6                    | 1300                    | 450                     | 250        | -25                     | TO-3                                         |
| IRF9242 | SAMSUNG | P | -200                                     | ±20             | -9.0                    | 125                     | ±100               | ±20                    | -250             | -200                   | -2                  | -4  | -0.25                                | 0.7                 | -10                    | -6                    | -9                 | -10                    | 4               | -6                    | 1300                    | 450                     | 250        | -25                     | TO-3                                         |
| IRF9243 | SAMSUNG | P | -150                                     | ±20             | -9.0                    | 125                     | ±100               | ±20                    | -250             | -150                   | -2                  | -4  | -0.25                                | 0.7                 | -10                    | -6                    | -9                 | -10                    | 4               | -6                    | 1300                    | 450                     | 250        | -25                     | TO-3                                         |
| IRF9510 | SAMSUNG | P | -100                                     |                 |                         |                         |                    |                        |                  |                        |                     |     | 1.2                                  |                     |                        |                       | -3                 |                        |                 |                       |                         |                         |            |                         | TO-220                                       |
| IRF9511 | SAMSUNG | P | -60                                      |                 |                         |                         |                    |                        |                  |                        |                     |     | 1.2                                  |                     |                        |                       | -3                 |                        |                 |                       |                         |                         |            |                         | TO-220                                       |
| IRF9512 | SAMSUNG | P | -100                                     |                 |                         |                         |                    |                        |                  |                        |                     |     | 1.6                                  |                     |                        |                       | -2.5               |                        |                 |                       |                         |                         |            |                         | TO-220                                       |
| IRF9513 | SAMSUNG | P | -60                                      |                 |                         |                         |                    |                        |                  |                        |                     |     | 1.6                                  |                     |                        |                       | -2.5               |                        |                 |                       |                         |                         |            |                         | TO-220                                       |
| IRF9520 | SAMSUNG | P | -100                                     |                 |                         |                         |                    |                        |                  |                        |                     |     | 0.6                                  |                     |                        |                       | -6                 |                        |                 |                       |                         |                         |            |                         | TO-220                                       |
| IRF9521 | SAMSUNG | P | -60                                      |                 |                         |                         |                    |                        |                  |                        |                     |     | 0.6                                  |                     |                        |                       | -6                 |                        |                 |                       |                         |                         |            |                         | TO-220                                       |
| IRF9522 | SAMSUNG | P | -100                                     |                 |                         |                         |                    |                        |                  |                        |                     |     | 0.8                                  |                     |                        |                       | -5                 |                        |                 |                       |                         |                         |            |                         | TO-220                                       |
| IRF9523 | SAMSUNG | P | -60                                      |                 |                         |                         |                    |                        |                  |                        |                     |     | 0.8                                  |                     |                        |                       | -5                 |                        |                 |                       |                         |                         |            |                         | TO-220                                       |
| IRF9530 | SAMSUNG | P | -100                                     |                 |                         |                         |                    |                        |                  |                        |                     |     | 0.3                                  |                     |                        |                       | -12                |                        |                 |                       |                         |                         |            |                         | TO-220                                       |
| IRF9531 | SAMSUNG | P | -60                                      |                 |                         |                         |                    |                        |                  |                        |                     |     | 0.3                                  |                     |                        |                       | -12                |                        |                 |                       |                         |                         |            |                         | TO-220                                       |
| IRF9532 | SAMSUNG | P | -100                                     |                 |                         |                         |                    |                        |                  |                        |                     |     | 0.4                                  |                     |                        |                       | -10                |                        |                 |                       |                         |                         |            |                         | TO-220                                       |
| IRF9533 | SAMSUNG | P | -60                                      |                 |                         |                         |                    |                        |                  |                        |                     |     | 0.4                                  |                     |                        |                       | -10                |                        |                 |                       |                         |                         |            |                         | TO-220                                       |
| IRF9540 | SAMSUNG | P | -100                                     |                 |                         |                         |                    |                        |                  |                        |                     |     | 0.2                                  |                     |                        |                       | -19                |                        |                 |                       |                         |                         |            |                         | TO-220                                       |
| IRF9541 | SAMSUNG | P | -60                                      |                 |                         |                         |                    |                        |                  |                        |                     |     | 0.2                                  |                     |                        |                       | -19                |                        |                 |                       |                         |                         |            |                         | TO-220                                       |
| IRF9542 | SAMSUNG | P | -100                                     |                 |                         |                         |                    |                        |                  |                        |                     |     | 0.3                                  |                     |                        |                       | -15                |                        |                 |                       |                         |                         |            |                         | TO-220                                       |
| IRF9543 | SAMSUNG | P | -60                                      |                 |                         |                         |                    |                        |                  |                        |                     |     | 0.3                                  |                     |                        |                       | -15                |                        |                 |                       |                         |                         |            |                         | TO-220                                       |
| IRF9610 | SAMSUNG | P | -200                                     |                 |                         |                         |                    |                        |                  |                        |                     |     | 3                                    |                     |                        |                       | -1.75              |                        |                 |                       |                         |                         |            |                         | TO-220                                       |
| IRF9611 | SAMSUNG | P | -150                                     |                 |                         |                         |                    |                        |                  |                        |                     |     | 3                                    |                     |                        |                       | -1.75              |                        |                 |                       |                         |                         |            |                         | TO-220                                       |
| IRF9612 | SAMSUNG | P | -200                                     |                 |                         |                         |                    |                        |                  |                        |                     |     | 4.5                                  |                     |                        |                       | -1.5               |                        |                 |                       |                         |                         |            |                         | TO-220                                       |
| IRF9613 | SAMSUNG | P | -150                                     |                 |                         |                         |                    |                        |                  |                        |                     |     | 4.5                                  |                     |                        |                       | -1.5               |                        |                 |                       |                         |                         |            |                         | TO-220                                       |
| IRF9620 | SAMSUNG | P | -200                                     |                 |                         |                         |                    |                        |                  |                        |                     |     | 1.5                                  |                     |                        |                       | -3.5               |                        |                 |                       |                         |                         |            |                         | TO-220                                       |
| IRF9621 | SAMSUNG | P | -150                                     |                 |                         |                         |                    |                        |                  |                        |                     |     | 1.5                                  |                     |                        |                       | -3.5               |                        |                 |                       |                         |                         |            |                         | TO-220                                       |
| IRF9622 | SAMSUNG | P | -200                                     |                 |                         |                         |                    |                        |                  |                        |                     |     | 2.4                                  |                     |                        |                       | -3                 |                        |                 |                       |                         |                         |            |                         | TO-220                                       |
| IRF9623 | SAMSUNG | P | -150                                     |                 |                         |                         |                    |                        |                  |                        |                     |     | 2.4                                  |                     |                        |                       | -3                 |                        |                 |                       |                         |                         |            |                         | TO-220                                       |
| IRF9630 | SAMSUNG | P | -200                                     |                 |                         |                         |                    |                        |                  |                        |                     |     | 0.8                                  |                     |                        |                       | -6.5               |                        |                 |                       |                         |                         |            |                         | TO-220                                       |
| IRF9631 | SAMSUNG | P | -150                                     |                 |                         |                         |                    |                        |                  |                        |                     |     | 0.8                                  |                     |                        |                       | -6.5               |                        |                 |                       |                         |                         |            |                         | TO-220                                       |

チャネルの \* は Pch と Nch の両方が入っていることを表す。