

| 型名 | 社名 | f | 最大定格 (Ta=25°C) | | | | 電 気 的 特 性 (Ta=25°C) | | | | | | | | | | | | | | | | | 外形 備考 | | |
|--------|----|---|--|-----------------|------------------------|------------------------|---------------------|------------------------|------------------|------------------------|---------------------|-----|-------------------------------------|-------------|------------------------|-----------------------|--------------------|------------------------|-----------------|-------------|-----------------------|-------------------------|-------------------------|----------|--------------------------------------|-------------------------|
| | | | V _{DS} or V _{DS} | V _{GS} | I _D */CH | P _D */CH | I _{GSS} | | I _{DSS} | | V _{GS(th)} | | V _{GS=} V _{GS} | | R _{DS(on)} | | I _{D(on)} | | g _{fs} | | C _{iss} | C _{oss} | C _{rss} | | V _{GS=0} V _{DS} | |
| | | | | | | | (max) | V _{GS} (V) | (max) | V _{DS} (V) | min | max | I _D (mA) | *typ (Ω) | V _{GS} (V) | I _D (A) | *typ (A) | V _{GS} (V) | (min) | *typ (S) | I _D (A) | (*typ) (max) (pF) | (*typ) (max) (pF) | | | (*typ) (max) (pF) |
| | | | | | | | (nA) | (μA) | (V) | (V) | (V) | (V) | (V) | (V) | (A) | (A) | (A) | (A) | (S) | (A) | (pF) | (pF) | (pF) | | | |
| IRF352 | IR | N | 400 ±20 | 13 | 150 | ±100 ±20 | 250 400 | 2.0 4.0 | 0.25 | 0.4 | 10 | 8.0 | 13 | 10 | 8.0 | 8.0 | 3000 | 600 | 200 | 25 | TO-3 | | | | | |
| IRF353 | IR | N | 350 ±20 | 13 | 150 | ±100 ±20 | 250 350 | 2.0 4.0 | 0.25 | 0.4 | 10 | 8.0 | 13 | 10 | 8.0 | 8.0 | 3000 | 600 | 200 | 25 | TO-3 | | | | | |
| IRF360 | IR | N | 400 ±20 | 25 | 300 | ±100 ±20 | 250 400 | 2.0 4.0 | 0.25 | 0.20 | 10 | 14 | 25 | 10 | 14 | 14 | 4000* | 550* | 97* | 25 | TO-204AE | | | | | |
| IRF362 | IR | N | 400 ±20 | 22 | 300 | ±100 ±20 | 250 400 | 2.0 4.0 | 0.25 | 0.25 | 10 | 14 | 22 | 10 | 14 | 14 | 4000* | 550* | 97* | 25 | TO-204AE | | | | | |
| IRF420 | IR | N | 500 ±20 | 2.5 | 50 | ±100 ±20 | 250 500 | 2.0 4.0 | 0.25 | 3.0 | 10 | 1.4 | 2.5 | 10 | 1.0 | 1.4 | 400 | 54* | 9.6* | 25 | TO-3 | | | | | |
| IRF421 | IR | N | 450 ±20 | 2.5 | 50 | ±100 ±20 | 250 450 | 2.0 4.0 | 0.25 | 3.0 | 10 | 1.4 | 2.5 | 10 | 1.0 | 1.4 | 400 | 54* | 9.6* | 25 | TO-3 | | | | | |
| IRF422 | IR | N | 500 ±20 | 2.0 | 50 | ±100 ±20 | 250 500 | 2.0 4.0 | 0.25 | 4.0 | 10 | 1.4 | 2.2 | 10 | 1.0 | 1.4 | 400 | 54* | 9.6* | 25 | TO-3 | | | | | |
| IRF423 | IR | N | 450 ±20 | 2.0 | 50 | ±100 ±20 | 250 450 | 2.0 4.0 | 0.25 | 4.0 | 10 | 1.4 | 2.2 | 10 | 1.0 | 1.4 | 400 | 54* | 9.6* | 25 | TO-3 | | | | | |
| IRF430 | IR | N | 500 ±20 | 4.5 | 75 | ±100 ±20 | 250 500 | 2.0 4.0 | 0.25 | 1.5 | 10 | 2.5 | 4.5 | 10 | 2.5 | 2.5 | 800 | 91* | 18* | 25 | TO-3 | | | | | |
| IRF431 | IR | N | 450 ±20 | 4.5 | 75 | ±100 ±20 | 250 450 | 2.0 4.0 | 0.25 | 1.5 | 10 | 2.5 | 4.5 | 10 | 2.5 | 2.5 | 800 | 91* | 18* | 25 | TO-3 | | | | | |
| IRF432 | IR | N | 500 ±20 | 4.0 | 75 | ±100 ±20 | 250 500 | 2.0 4.0 | 0.25 | 2.0 | 10 | 2.5 | 4.0 | 10 | 2.5 | 2.5 | 800 | 91* | 18* | 25 | TO-3 | | | | | |
| IRF433 | IR | N | 450 ±20 | 4.0 | 75 | ±100 ±20 | 250 450 | 2.0 4.0 | 0.25 | 2.0 | 10 | 2.5 | 4.0 | 10 | 2.5 | 2.5 | 800 | 91* | 18* | 25 | TO-3 | | | | | |
| IRF440 | IR | N | 500 ±20 | 8.0 | 125 | ±100 ±20 | 250 500 | 2.0 4.0 | 0.25 | 0.85 | 10 | 4.4 | 8.0 | 10 | 4.0 | 4.4 | 1600 | 180* | 45* | 25 | TO-3 | | | | | |
| IRF441 | IR | N | 450 ±20 | 8.0 | 125 | ±100 ±20 | 250 450 | 2.0 4.0 | 0.25 | 0.85 | 10 | 4.4 | 8.0 | 10 | 4.0 | 4.4 | 1600 | 180* | 45* | 25 | TO-3 | | | | | |
| IRF442 | IR | N | 500 ±20 | 7.0 | 125 | ±100 ±20 | 250 500 | 2.0 4.0 | 0.25 | 1.1 | 10 | 4.4 | 7.0 | 10 | 4.0 | 4.4 | 1600 | 180* | 45* | 25 | TO-3 | | | | | |
| IRF443 | IR | N | 450 ±20 | 7.0 | 125 | ±100 ±20 | 250 450 | 2.0 4.0 | 0.25 | 1.1 | 10 | 4.4 | 7.0 | 10 | 4.0 | 4.4 | 1600 | 180* | 45* | 25 | TO-3 | | | | | |
| IRF448 | IR | N | 500 ±20 | 9.6 | 130 | ±100 ±20 | 250 500 | 2.0 4.0 | 0.25 | 0.60 | 10 | 5.4 | 9.6 | 10 | 6.3 | 5.4 | 1800* | 250* | 45* | 25 | TO-204AA | | | | | |
| IRF449 | IR | N | 500 ±20 | 8.6 | 130 | ±100 ±20 | 250 500 | 2.0 4.0 | 0.25 | 0.75 | 10 | 5.4 | 8.6 | 10 | 6.3 | 5.4 | 1800* | 250* | 45* | 25 | TO-204AA | | | | | |
| IRF450 | IR | N | 500 ±20 | 13 | 150 | ±100 ±20 | 250 500 | 2.0 4.0 | 0.25 | 0.40 | 10 | 7.2 | 13 | 10 | 6.0 | 7.2 | 3000 | 350* | 75* | 25 | TO-3 | | | | | |
| IRF451 | IR | N | 450 ±20 | 13 | 150 | ±100 ±20 | 250 450 | 2.0 4.0 | 0.25 | 0.40 | 10 | 7.2 | 13 | 10 | 6.0 | 7.2 | 3000 | 350* | 75* | 25 | TO-3 | | | | | |
| IRF452 | IR | N | 500 ±20 | 12 | 150 | ±100 ±20 | 250 500 | 2.0 4.0 | 0.25 | 0.50 | 10 | 7.2 | 11 | 10 | 6.0 | 7.2 | 3000 | 350* | 75* | 25 | TO-3 | | | | | |
| IRF453 | IR | N | 450 ±20 | 12 | 150 | ±100 ±20 | 250 450 | 2.0 4.0 | 0.25 | 0.50 | 10 | 7.2 | 11 | 10 | 6.0 | 7.2 | 3000 | 350* | 75* | 25 | TO-3 | | | | | |
| IRF460 | IR | N | 500 ±20 | 21 | 300 | ±100 ±20 | 250 500 | 2.0 4.0 | 0.25 | 0.27 | 10 | 12 | 21 | 10 | 13 | 12 | 4100* | 480* | 84* | 25 | TO-204AE | | | | | |
| IRF462 | IR | N | 500 ±20 | 19 | 300 | ±100 ±20 | 250 500 | 2.0 4.0 | 0.25 | 0.35 | 10 | 12 | 19 | 10 | 13 | 12 | 4100* | 480* | 84* | 25 | TO-204AE | | | | | |
| IRF510 | IR | N | 100 ±20 | 5.6 | 43 | ±500 ±20 | 250 100 | 2.0 4.0 | 0.25 | 0.54 | 10 | 3.4 | 5.6 | 10 | 1.3 | 3.4 | 180* | 82* | 15* | 25 | TO-220AB | | | | | |
| IRF511 | IR | N | 80 ±20 | 5.6 | 43 | ±500 ±20 | 250 80 | 2.0 4.0 | 0.25 | 0.54 | 10 | 3.4 | 5.6 | 10 | 1.3 | 3.4 | 180* | 82* | 15* | 25 | TO-220AB | | | | | |
| IRF512 | IR | N | 100 ±20 | 4.9 | 43 | ±500 ±20 | 250 100 | 2.0 4.0 | 0.25 | 0.74 | 10 | 3.4 | 4.9 | 10 | 1.3 | 3.4 | 180* | 82* | 15* | 25 | TO-220AB | | | | | |
| IRF513 | IR | N | 80 ±20 | 4.9 | 43 | ±500 ±20 | 250 80 | 2.0 4.0 | 0.25 | 0.74 | 10 | 3.4 | 4.9 | 10 | 1.3 | 3.4 | 180* | 82* | 15* | 25 | TO-220AB | | | | | |
| IRF520 | IR | N | 100 ±20 | 9.2 | 60 | ±500 ±20 | 250 100 | 2.0 4.0 | 0.25 | 0.27 | 10 | 5.6 | 9.2 | 10 | 2.7 | 5.6 | 350* | 130* | 24* | 25 | TO-220AB | | | | | |
| IRF521 | IR | N | 80 ±20 | 9.2 | 60 | ±500 ±20 | 250 80 | 2.0 4.0 | 0.25 | 0.27 | 10 | 5.6 | 9.2 | 10 | 2.7 | 5.6 | 350* | 130* | 24* | 25 | TO-220AB | | | | | |

チャネルの * は Pch と Nch の両方が入っていることを表す。