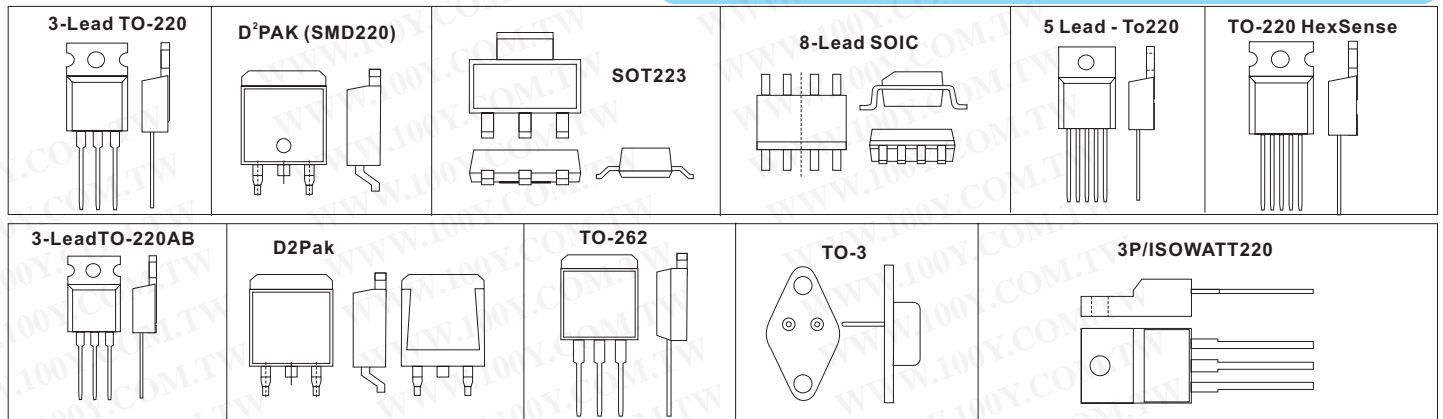


## Semiconductors-Discretes

## IR~ Series Power MOSFET

Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)

| Part No. | Product No.  | Manufacturer | Description                                   | N/P Ch. | Pin/Package     | Id(max.) A | Rds(on)(max.) Ω | Pd(max.) W | Vdss(max.) V |
|----------|--------------|--------------|---|---------|-----------------|------------|-----------------|------------|--------------|
| 33693    | IPS0151      | IR           | Fully protected power mosfet switch           |         | 3-Lead TO-220   | 35A        | 25mΩ            | 2W         | 47V          |
| 33694    | IPS0151S     | IR           | Fully protected power mosfet switch           |         | D2PAK (SMD220)  | 35A        | 25mΩ            | 2W         | 47V          |
| 33696    | IPS021       | IR           | Fully protected power mosfet switch           |         | 3-Lead TO-220   | 1.8A       | 150mΩ           | 2W         | 35V          |
| 33702    | IPS021L      | IR           | Fully protected power mosfet switch           |         | SOT223          | 1.8A       | 150mΩ           | 2W         | 35V          |
| 33699    | IPS021S      | IR           | Fully protected power mosfet switch           |         | D2PAK (SMD220)  | 1.8A       | 150mΩ           | 1.56W      | 35V          |
| 33703    | IPS022G      | IR           | Dual fully protected power mosfet switch      |         | 8-Lead SOIC     | 1A         | 150mΩ           | 1W         | 35V          |
| 33705    | IPS031       | IR           | Fully protected power mosfet switch           |         | 3-Lead TO-220   | 3.1A       | 60mΩ            | 2W         | 35V          |
| 33706    | IPS041L      | IR           | Fully protected power mosfet switch           |         | 3 Lead SOT223   | 0.75A      | 500mΩ           | 1W         | 35V          |
| 33707    | IPS511G      | IR           | Fully protected high side power mosfet switch |         | 8 Lead SOIC     | 1.4A       | 150mΩ           | 1W         |              |
| 33709    | IPS521       | IR           | Fully protected high side power mosfet switch |         | 5 Lead - TO220  | 2.2A       | 80mΩ            | 40W        |              |
| 33711    | IPS5451      | IR           | Fully protected high side power mosfet switch |         | 5 Lead - TO220  | 2.8A       | 25mΩ            | 2W         |              |
| 33819    | IRC540       | IR           | Hexfet power mosfet                           |         | TO-220 HexSense | 28A        | 0.077           | 150W       | 100V         |
| 33822    | IRCZ44       | IR           | HEXFET® POWER MOSFET                          |         | TO-220 HexSense | 50A        | 0.028           | 150W       | 60V          |
| 33827    | IRF1010E     | IR           | HEXFET® Power MOSFET                          | N       | TO-220AB        | 84A        | 12mΩ            | 200W       | 60V          |
| 33830    | IRF1010ES    | IR           | Hexfet power mosfet                           | N       | D2Pak           | 84A        | 12mΩ            | 200W       | 60V          |
| 33833    | IRF1010NS    | IR           | Hexfet power mosfet                           | N       | D2Pak           | 85A        | 11mΩ            | 180W       | 55V          |
| 33834    | IRF1104      | IR           | Hexfet power mosfet                           | N       | TO-220AB        | 100A       | 0.009Ω          | 170W       | 40V          |
| 33838    | IRF1310N     | IR           | Hexfet power mosfet                           | N       | TO-220AB        | 42A        | 0.036Ω          | 160W       | 100V         |
| 33839    | IRF1310NL    | IR           | Hexfet power mosfet                           | N       | TO-262          | 42A        | 0.036Ω          | 160W       | 100V         |
| 33840    | IRF1310NSTRL | IR           | Hexfet power mosfet                           | N       | D2Pak           | 42A        | 0.036Ω          | 160W       | 100V         |
| 33849    | IRF140       | SEME LAB     | N-channel power mosfet                        | N       | TO-3            | 28A        | 0.077Ω          | 125W       | 100V         |
| 33844    | IRF1404      | IR           | Hexfet power mosfet                           | N       | TO-220AB        | 202A       | 0.004Ω          | 333W       | 40V          |
| 33846    | IRF1404L     | IR           | Hexfet power mosfet                           | N       | TO-262          | 162A       | 0.004Ω          | 200W       | 40V          |
| 15628    | IRF150       | IR           | N-Ch. MOSFET                                  | N-Ch.   | 2P/TO-3         | 40A        | 0.055Ω          | 150W       | 100V         |
| 33850    | IRF250       | SEME LAB     | N-channel power mosfet                        | N       | TO-3            | 30A        | 0.085Ω          | 150W       | 200V         |
| 33847    | IRF2807      | IR           | Hexfet power mosfet                           | N       | TO-220AB        | 169A       | 5.3mΩ           | 330W       | 55V          |
| 33853    | IRF2807      | IR           | Power MOSFET(Vdss=75V, Id=82A)                | N       | TO-220AB        | 82A        | 13mΩ            | 230W       | 75V          |
| 33854    | IRF2807S     | IR           | Hexfet power mosfet                           | N       | D2Pak           | 82A        | 13mΩ            | 230W       | 75V          |
| 33856    | IRF3205      | IR           | Hexfet power mosfet                           | N       | 3P/TO-220AB     | 110A       | 8.0mΩ           | 200W       | 55V          |
| 33857    | IRF3205S     | IR           | Hexfet power mosfet                           | N       | D2Pak           | 110A       | 8.0mΩ           | 200W       | 55V          |
| 17319    | IRF330       | IR           | Hexfet transistors                            | N-Ch    | 2P/TO-3         | 5.5A       | 1.00Ω           | 75W        | 400V         |
| 33858    | IRF3315      | IR           | Hexfet power mosfet                           | N       | TO-220AB        | 27A        | 0.07Ω           | 136W       | 150V         |
| 33860    | IRF3315S     | IR           | Hexfet power mosfet                           | N       | D2Pak           | 21A        | 0.082Ω          | 94W        | 150V         |
| 33861    | IRF3415      | IR           | Hexfet power mosfet                           | N       | TO-220AB        | 43A        | 0.042Ω          | 200W       | 150V         |
| 33862    | IRF3415S     | IR           | Hexfet power mosfet                           | N       | D2Pak           | 43A        | 0.042Ω          | 200W       | 150V         |
| 15891    | IRF350       | MOSPEC       | N-Ch. MOSFET                                  | N Ch    | 2P/TO-3         | 15A        | 0.3Ω            | 150W       | 400V         |
| 33864    | IRF3703      | IR           | Hexfet power mosfet                           | N       | TO-220AB        | 210A       | 2.8mΩ           | 230W       | 30V          |
| 33865    | IRF3704      | IR           | Hexfet power mosfet                           | N       | TO-220AB        | 77A        | 9.0mΩ           | 87W        | 20V          |
| 33867    | IRF3704S     | IR           | Hexfet power mosfet                           | N       | D2Pak           | 77A        | 9.0mΩ           | 87W        | 20V          |
| 33869    | IRF3706      | IR           | Hexfet power mosfet                           | N       | TO-220AB        | 77A        | 8.5mΩ           | 88W        | 20V          |
| 33870    | IRF3707      | IR           | Hexfet power mosfet                           | N       | TO-220AB        | 62A        | 12.5mΩ          | 87W        | 30V          |
| 33871    | IRF3708      | IR           | Hexfet power mosfet                           | N       | TO-220AB        | 62A        | 12mΩ            | 87W        | 30V          |
| 33874    | IRF3709      | IR           | Hexfet power mosfet                           | N       | TO-220AB        | 90A        | 9.0mΩ           | 120W       | 30V          |
| 33875    | IRF3710      | IR           | HEXFET Power MOSFET                           | N       | TO-220AB        | 57A        | 23mΩ            | 200W       | 100V         |
| 33878    | IRF3710L     | IR           | Hexfet power mosfet                           | N       | TO-262          | 57A        | 0.025Ω          | 200W       | 100V         |
| 33879    | IRF3710S     | IR           | Hexfet power mosfet                           | N       | D2Pak           | 57A        | 0.025Ω          | 200W       | 100V         |
| 33880    | IRF3711      | IR           | Hexfet power mosfet                           | N       | TO-220AB        | 110A       | 6.0mΩ           | 120W       | 20V          |
| 33852    | IRF450       | SEME LAB     | N-channel power mosfet                        | N       | TO-3            | 13A        | 0.4Ω            | 150W       | 500V         |
| 36853    | IRF450       | IR           | Transistors N-CHANNEL                         | N       | TO-3            | 12A        | 0.40Ω           | 150W       | 500V         |
| 33889    | IRF4905      | IR           | Hexfet power mosfet                           | P       | TO-220AB        | -74A       | 0.02Ω           | 200W       | -55V         |



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