

## SGT MOSFET 产品选型

| Product Family | Part Number | V <sub>DS</sub> (V) | I <sub>D</sub> (A)@25℃ | V <sub>TH</sub> (V) | R <sub>ON</sub> (mΩ)@V <sub>GS</sub> =10V |     | Package     | SPQ  | MOQ  |
|----------------|-------------|---------------------|------------------------|---------------------|-------------------------------------------|-----|-------------|------|------|
|                |             |                     |                        |                     | TYP.                                      | MAX |             |      |      |
| 30V            | ZN03R6P4N   | 30                  | 60                     | 1.6                 | 5.1                                       | 6.4 | PDFN3.3*3.3 | 5000 | 5000 |
| 60V            | ZN06R1P3G   | 60                  | 300                    | 3                   | 1.1                                       | 1.3 | PDFN5*6     | 5000 | 5000 |
|                | ZN06R03P    | 60                  | 160                    | 1.9                 | -                                         | 3.5 | TO-220      | 50   | 1000 |
|                | ZN06R03HP   | 60                  | 130                    | 3                   | 3.3                                       | -   | TO-220      | 50   | 1000 |
|                | ZN06R5P8G   | 60                  | 80                     | 1.9                 | 4.8                                       | 5.8 | PDFN5*6     | 5000 | 5000 |
|                | ZN06R9P5Q   | 60                  | 55                     | 1.9                 | 8.7                                       | 9.5 | SOP-8       | 4000 | 4000 |
|                | ZN06R016G   | 60                  | 30                     | 1.9                 | 12                                        | 16  | PDFN5*6     | 5000 | 5000 |
|                | ZN06R080Q   | 60                  | 10                     | 1.9                 | 64                                        | 80  | SOP-8       | 4000 | 4000 |
|                | ZN06R013Q   | 65                  | 30                     | 1.9                 | 10                                        | 13  | SOP-8       | 4000 | 4000 |
|                | ZN06R018Q   | 65                  | 20                     | 1.9                 | 13                                        | 18  | SOP-8       | 4000 | 4000 |
| 100V           | ZN10R1P5H   | 100                 | 399                    | 3                   | 1.1                                       | 1.5 | TOLL        | 2000 | 2000 |
|                | ZN10R002H   | 100                 | 260                    | 3                   | 1.7                                       | 2   | TOLL        | 2000 | 2000 |
|                | ZN10R2P7B   | 100                 | 226                    | 3                   | 2.3                                       | 2.7 | TO-263      | 800  | 800  |
|                | ZN10R3P5B   | 100                 | 170                    | 3                   | 3                                         | 3.5 | TO-263      | 800  | 800  |
|                | ZN10R004G   | 100                 | 130                    | 1.7                 | 3.4                                       | 4   | PDFN5*6     | 5000 | 5000 |
|                | ZN10R5P2G   | 100                 | 95                     | 1.7                 | 4.6                                       | 5.2 | PDFN5*6     | 5000 | 5000 |
|                | ZN10R4P9B   | 100                 | 100                    | 3                   | 4.3                                       | 4.9 | TO-263      | 800  | 800  |
|                | ZN10R006P   | 100                 | 80                     | 3                   | 5.3                                       | 6   | TO-220      | 50   | 1000 |
|                | ZN10R005G   | 100                 | 80                     | 1.9                 | 4.8                                       | 5   | PDFN5*6     | 5000 | 5000 |
|                | ZN10R5P8HG  | 100                 | 75                     | 3.2                 | 5.2                                       | 5.8 | PDFN5*6     | 5000 | 5000 |
|                | ZN10R5P8G   | 100                 | 75                     | 1.7                 | 5.2                                       | 5.8 | PDFN5*6     | 5000 | 5000 |

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|----------------|-------------|---------------------|-------------------------|---------------------|-------------------------------------------|-----|---------|------|------|
|                |             |                     |                         |                     | TYP.                                      | MAX |         |      |      |
|                | ZN10R010Q   | 100                 | 20                      | 1.8                 | 8                                         | 10  | SOP-8   | 4000 | 4000 |
|                | ZN10R012D   | 100                 | 64                      | 1.9                 | 10                                        | 12  | TO-252  | 2500 | 2500 |
|                | ZN10R224Q   | 100                 | 0.6                     | 1.9                 | 180                                       | 224 | SOP-8   | 4000 | 4000 |
| 110V           | ZN11R004B   | 110                 | 180                     | 3                   | 3                                         | 4   | TO-263  | 800  | 800  |