

| Specifications                               |                                                         |
|----------------------------------------------|---------------------------------------------------------|
| Part Number                                  | IDH03G65C5XKSA1                                         |
| Manufacturer                                 | Initial State Technologies, Inc.                        |
| Description                                  | DIODE SCHOTTKY 650V 3A TO220-2                          |
| Category                                     | Discrete Semiconductor Products > Diodes - Rectifiers - |
| Part Status                                  | 2570 pcs Stock                                          |
| Voltage - Peak Reverse (Max)                 | Silicon Carbide Schottky                                |
| Voltage - Forward (Vf) (Max) @ If            | 3A (DC)                                                 |
| Voltage - Breakdown                          | PG-TO220-2                                              |
| Series                                       | thinQ!™                                                 |
| RoHS Status                                  | Tube                                                    |
| Reverse Recovery Time (trr)                  | No Recovery Time > 500mA (Io)                           |
| Resistance @ If, F                           | 100pF @ 1V, 1MHz                                        |
| Polarization                                 | TO-220-2                                                |
| Other Names                                  | IDH03G65C5                                              |
| Operating Temperature - Junction             | 0ns                                                     |
| Mounting Type                                | Through Hole                                            |
| Moisture Sensitivity Level (MSL)             | 1 (Unlimited)                                           |
| Manufacturer Part Number                     | IDH03G65C5XKSA1                                         |
| Expanded Description                         | Diode Silicon Carbide Schottky 650V 3A (DC) Through     |
| Diode Configuration                          | 50μA @ 600V                                             |
| Description                                  | DIODE SCHOTTKY 650V 3A TO220-2                          |
| Current - Reverse Leakage @ Vr               | 1.7V @ 3A                                               |
| Current - Average Rectified (Io) (per Diode) | 650V                                                    |
| Capacitance @ Vr, F                          | -55°C ~ 175°C                                           |

|                                                                                                                                                                                                              |                                                                                                                                                                                    |                                                                                                                                                    |                                                                                                                                                                                                                  |
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| <p>In:</p>  <p><b>IDH03SG60CXKSA1</b><br/>Infineon Technologies<br/>DIODE SCHOTTKY 600V 3A<br/>TO220-2</p>                |  <p><b>IDH04G65C5</b><br/>Infineon<br/>IDH04G65C5 Infineon</p>                                  |  <p><b>IDH03SG60C</b><br/>INFINEON<br/>IDH03SG60C INFINEON</p> |  <p><b>IDH03G65C5</b><br/>INFINEON<br/>INFINEON TO-220</p>                                                                  |
|  <p><b>IDH03SG60CXKSA2</b><br/>International Rectifier (Infineon Technologies)<br/>DIODE SCHOTTKY 600V 3A<br/>TO220-2</p> |  <p><b>IDH03G65C5XKSA1</b><br/>Infineon Technologies<br/>DIODE SCHOTTKY 650V 3A<br/>TO220-2</p> |  <p><b>IDH02SG120C5</b><br/>INFINEON<br/>INFINEON TO220-2</p>  |  <p><b>IDH03G65C5XKSA2</b><br/>International Rectifier (Infineon Technologies)<br/>DIODE SCHOTTKY 650V 3A<br/>TO220-2-1</p> |

More

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