## / Revised record

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## / Descriptions

SOT-23 PNP Silicon PNP Digital transistor in a SOT-23 Plastic Package.

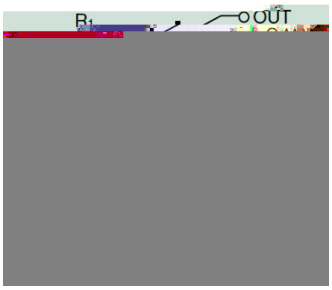
## / Features

With built-in bias resistors, simplify circuit design, reduce a quantity of parts and manufacturing process,HF Product.

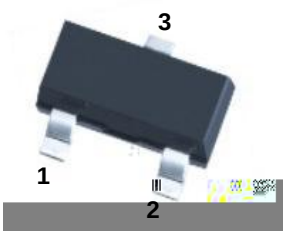
## / Applications

Switching applications, interface circuit and driver circuit applications.

## / Equivalent Circuit




## / Pinning

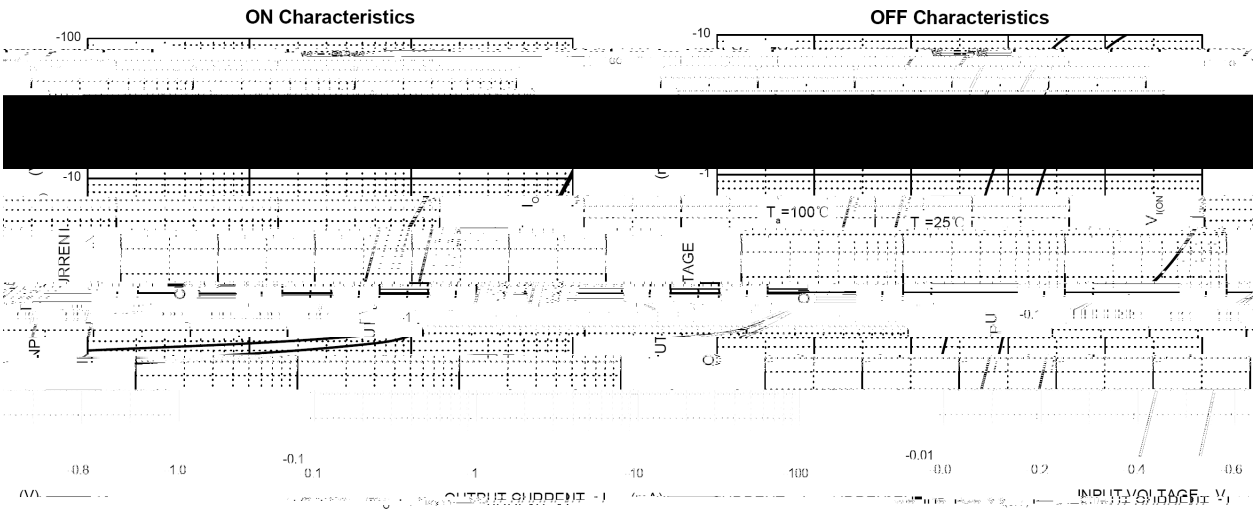


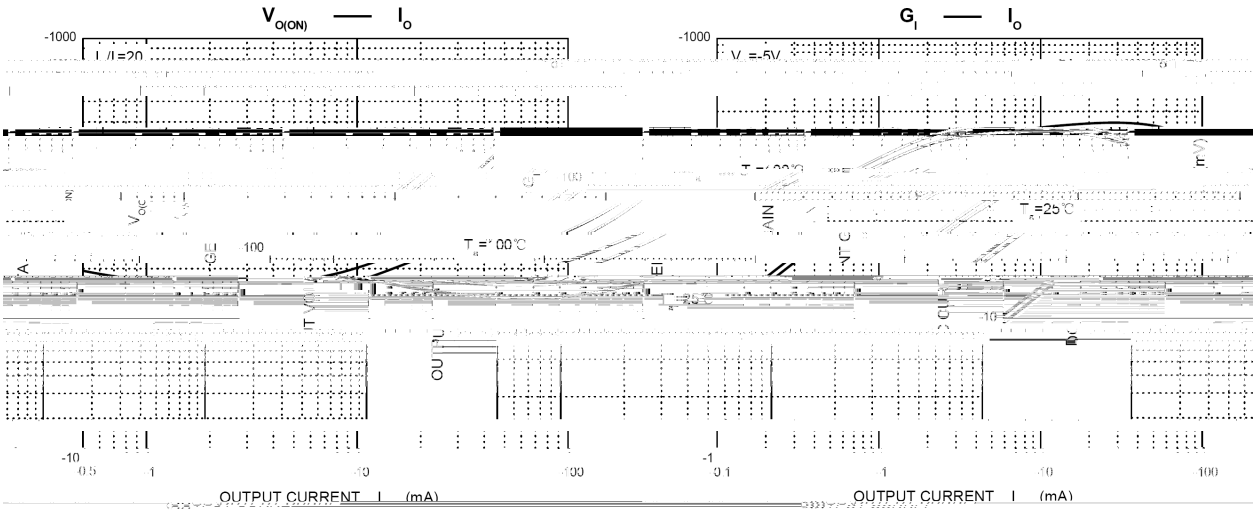

PIN 1 IN PIN 2 GND PIN 3 OUT

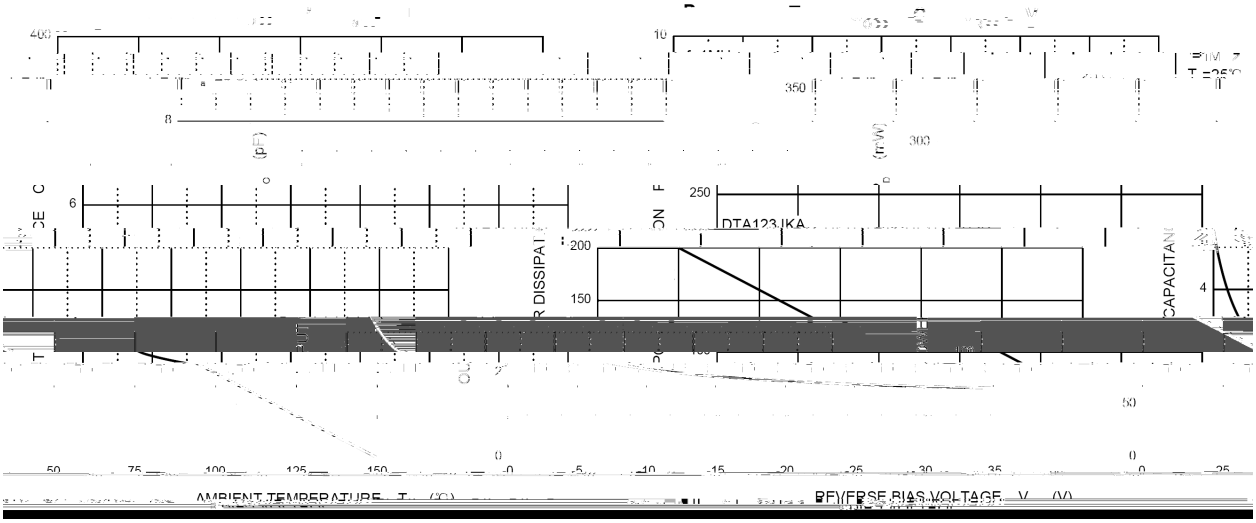
## / Marking

| | |
|---|---|
| Marking | HE32 |

## / Electrical Characteristic Curve



http://www.fsbrec.com

## ( ) / Temperature Profile for IR Reflow Soldering(Pb-Free)

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|---|---|---|---|---|
| | | | | Note: |
| 1 | 150 | 180 | 60 90sec; | 1.Preheating:150~180℃, Time:60~90sec. |
| 2 | 245±5 | | 5±0.5sec; | 2.Peak Temp.:245±5℃, Duration:5±0.5sec. |
| 3 | | 2 | 10℃/sec. | 3. Cooling Speed: 2~10℃/sec. |

## / Resistance to Soldering Heat Test Conditions

| | | | |
|---|---|---|---|
| 260±5℃ | 10±1 sec. | Temp.:260±5℃ | Time:10±1 sec |

## / Packaging SPEC.

/ REEL

| Package Type 封装形式 | Units 包装数量 | | | | | Dimension 包装尺寸 (unit: $mm^3$) | | |
|---|---|---|---|---|---|---|---|---|
| | Units/Reel / | Reels/Inner Box / | Units/Inner Box / | Inner Boxes/Outer Box / | Units/Outer Box / | Reel | Inner Box 盒 | Outer Box 箱 |
| SOT-23 | 3,000 | 10 | 30,000 | 6 | 180,000 | 7″ ×8 | 180×120×180 | 390×385×205 |