

BD437

Rev.E Mar.-2016

/ Descriptions

TO-126F NPN Silicon NPN transistor in a TO-126F Plastic Package.

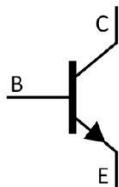
/ Features

BD 438
Complementary pair with BD438.

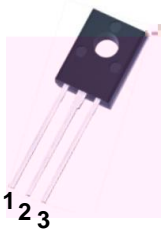
/ Applications

Medium power linear and switching applications.

/ Equivalent Circuit



/ Pinning

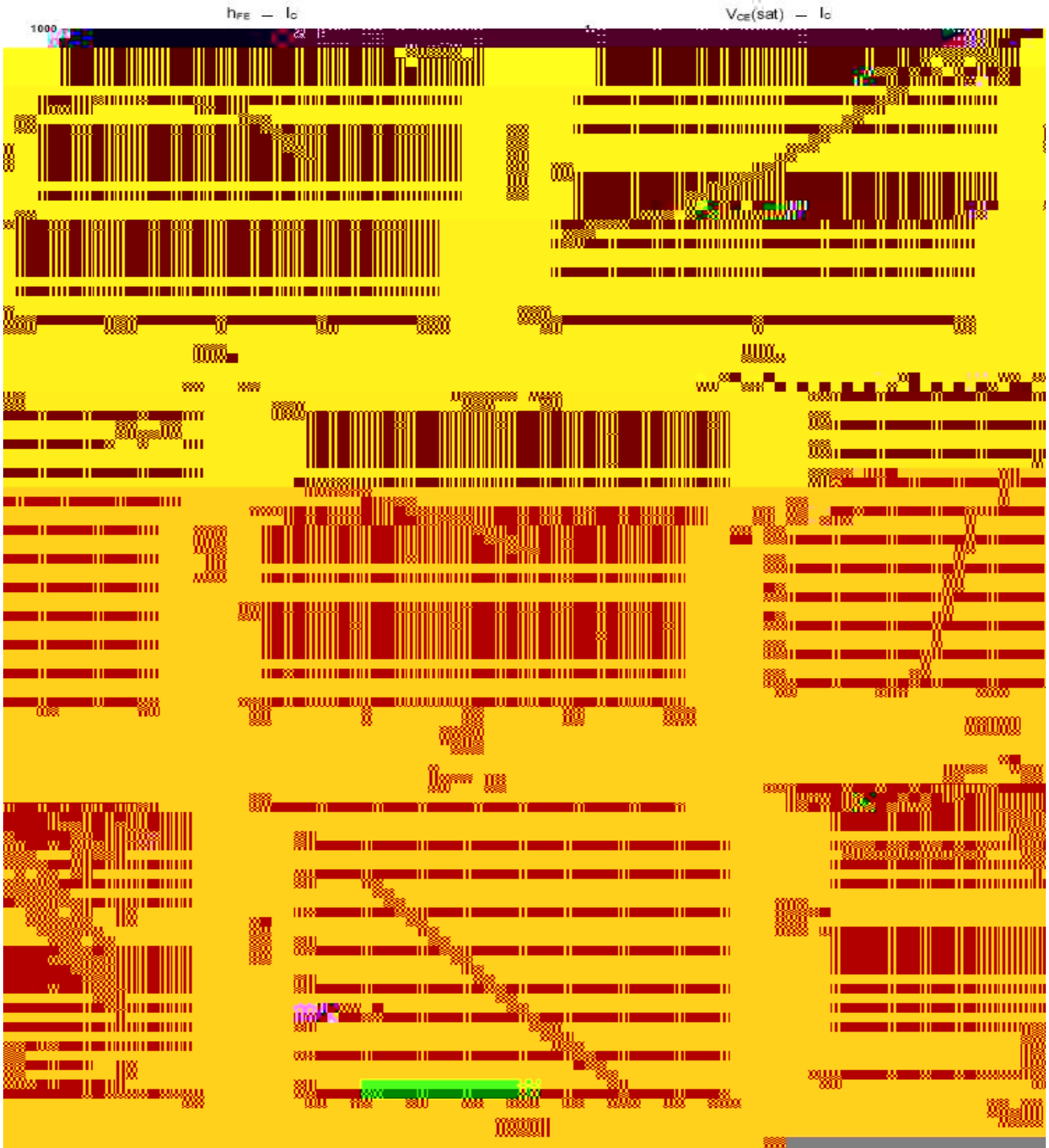


PIN1 Emitter PIN 2 Collector PIN 3 Base

/ h_{FE} Classifications & Marking

See Marking Instructions.

/ Electrical Characteristic Curve



BD437
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/ Marking Instructions



BR

BD437

Note:

BR: Company Code

BD437: Product Type.

****: Lot No. Code, code change with Lot No.

() / Temperature Profile for Dip Soldering(Pb-Free)



- | | | | | | |
|---|-------|-----|-----------|---|------------------------------|
| 1 | 25 | 150 | 60 | 90sec; | Note: |
| 2 | 255±5 | | 5±0.5sec; | 1.Preheating:25~150 , Time:60~90sec. | |
| 3 | | 2 | 10 /sec. | 2.Peak Temp.:255±5 , Duration:5±0.5sec. | 3. Cooling Speed: 2~10 /sec. |

/ Resistance to Soldering Heat Test Conditions

270±5 10±1 sec. Temp.:270±5 Time:10±1 sec

/ Packaging SPEC.

/ BULK

Package Type	Units	Dimension	(unit mm ³)
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