

/ Descriptions

SOT23-3 N MOS N - CHANNEL MOSFET in a SOT23-3 Plastic Package.

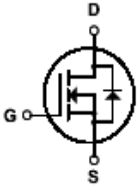
/ Features

$V_{DS} (V) = 20V$
 $I_D = 6 A (V_{GS} = 10V)$
 $R_{DS(ON)} < 24m (V_{GS} = 10V)$
 $R_{DS(ON)} < 27m (V_{GS} = 4.5V)$
Halogen free product.

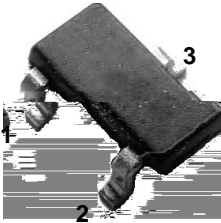
/ Applications

This device is suitable for use as a load switch or in PWM applications.

/ Equivalent Circuit



/ Pinning

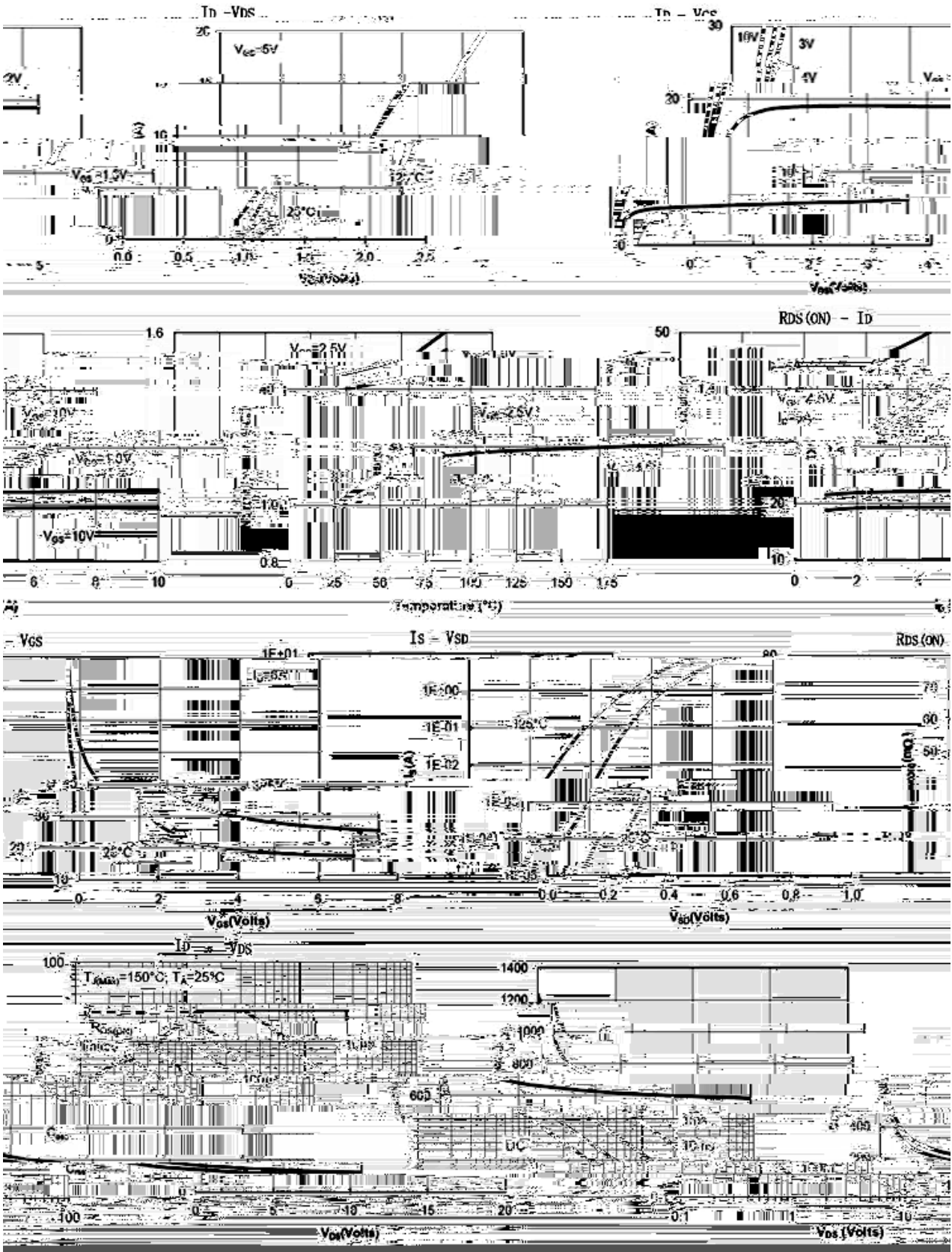


PIN1 G PIN 2 S PIN 3 D

/ Marking

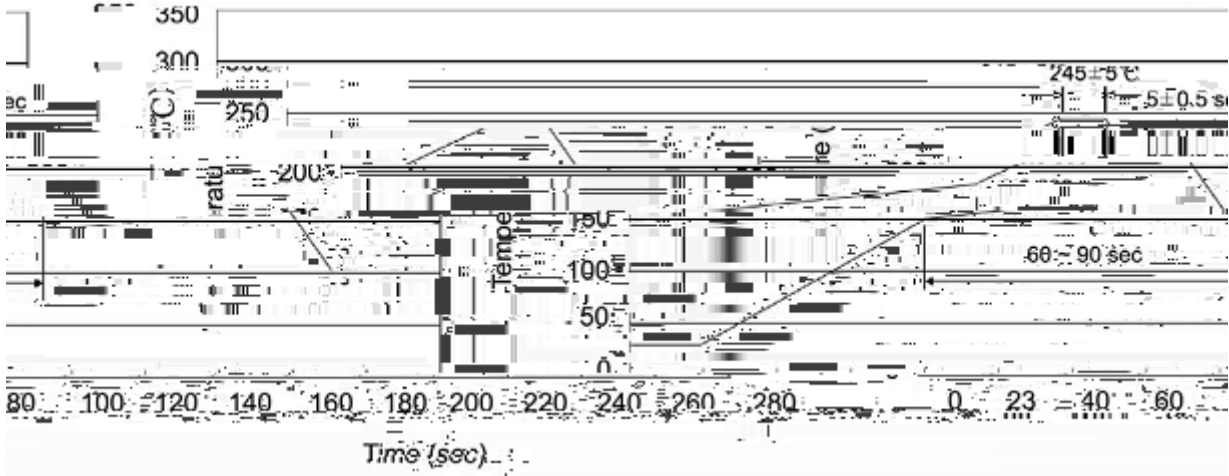
Marking	ALH
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/ Electrical Characteristic Curve



BRCS3420MC

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



Note:

- | | | | | | |
|---|-------|-----|----|-----------|--|
| 1 | 25 | 150 | 60 | 90sec; | 1.Preheating:25~150 , Time:60~90sec. |
| 2 | 245±5 | | | 5±0.5sec; | 2.Peak Temp.:245±5 , Duration:5±0.5sec. |
| 3 | | | 2 | 10 /sec. | 3. Cooling Spm-.0007432~1(c)-8J/TT7 1 T#156689.320 Tc0 T |