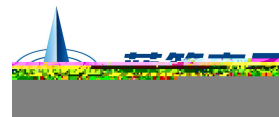


/ Revised record

A	2019-10				
A	2021-3-16	ALL	BRCS5P06MA BRCS5P06MC		

**/ Descriptions**

SOT23-3 P

P- CHANNEL MOSFET in a SOT23 -3Plastic Package.

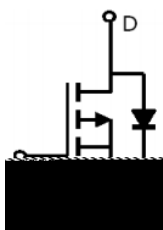
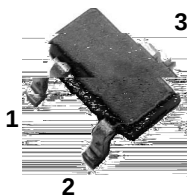
/ Features

Ultra Low on-resistance, fast switching, Low on voltage, Halogen-free Product.

/ Applications

PWM

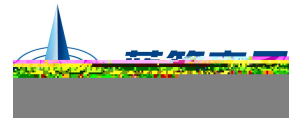
PWM application & Load switch

/ Equivalent Circuit**/ Pinning**

PIN1 G PIN 2 S PIN 3 D

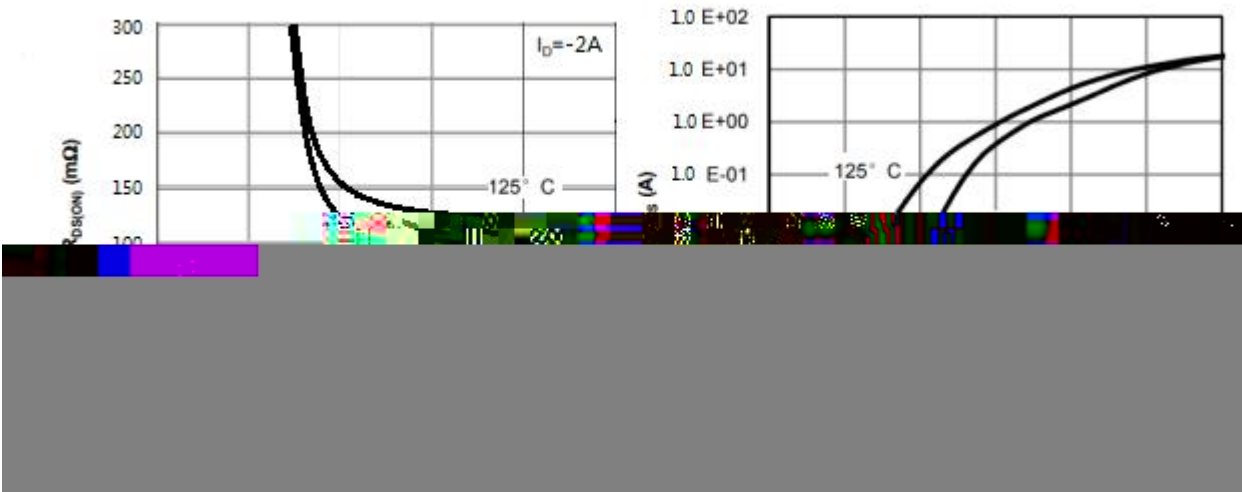
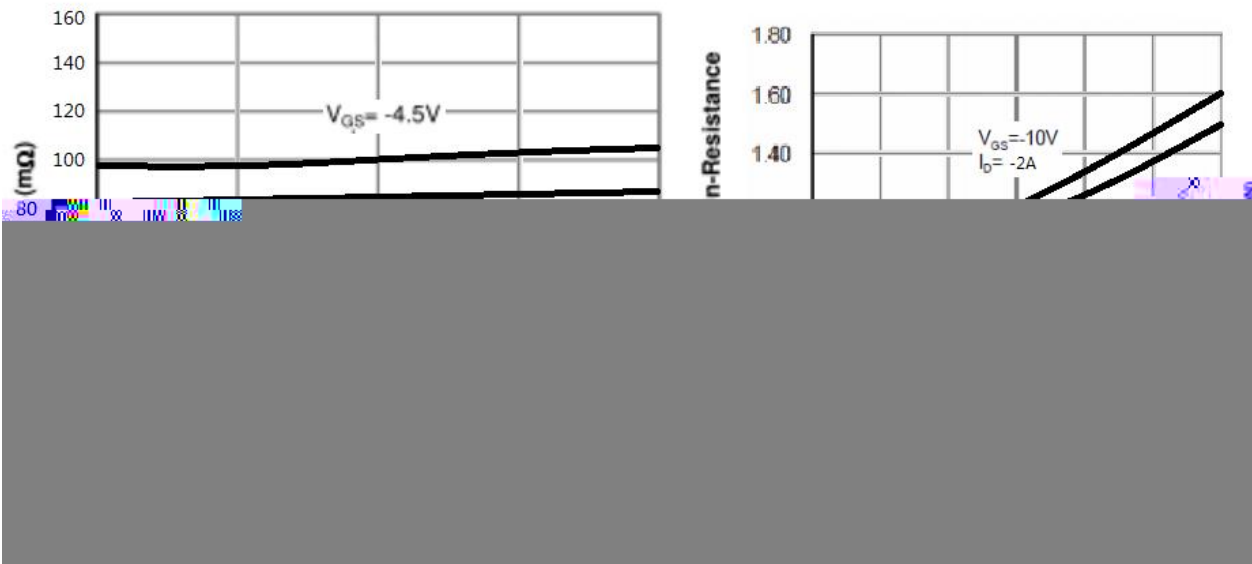
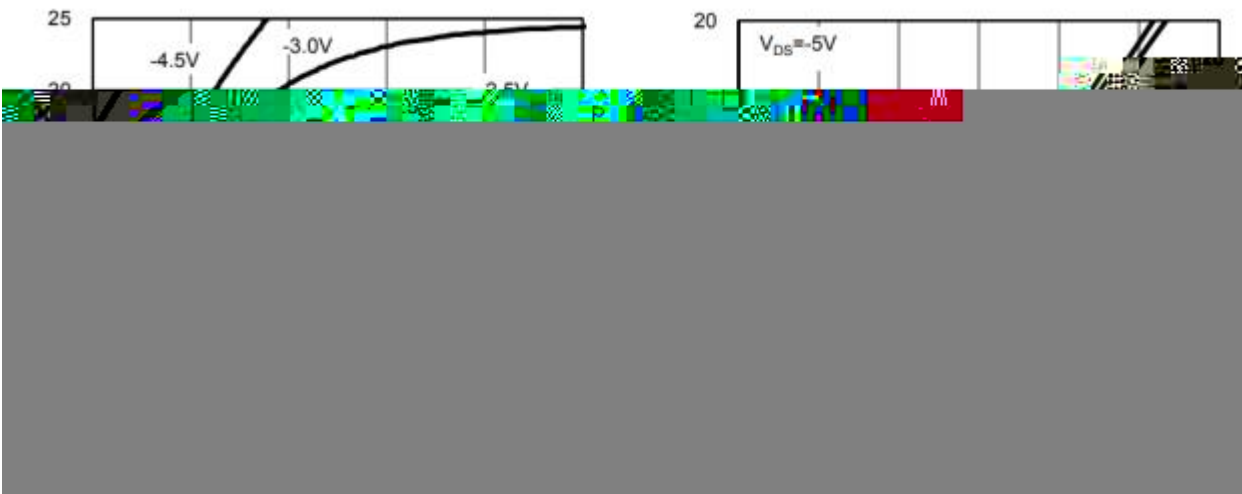
/ Marking

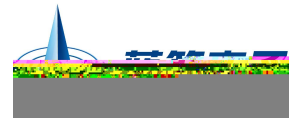
Marking	H5P6
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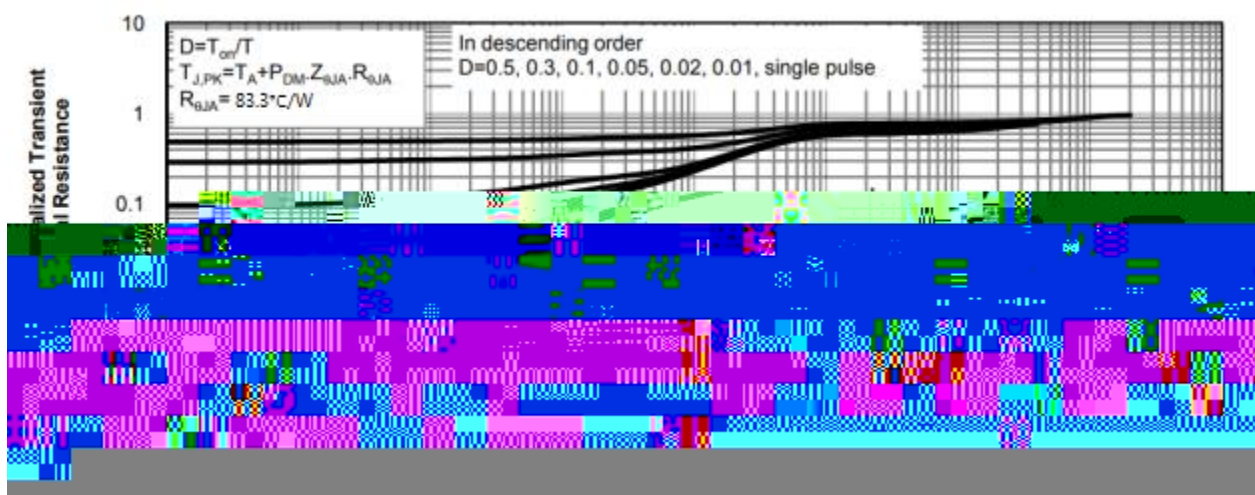
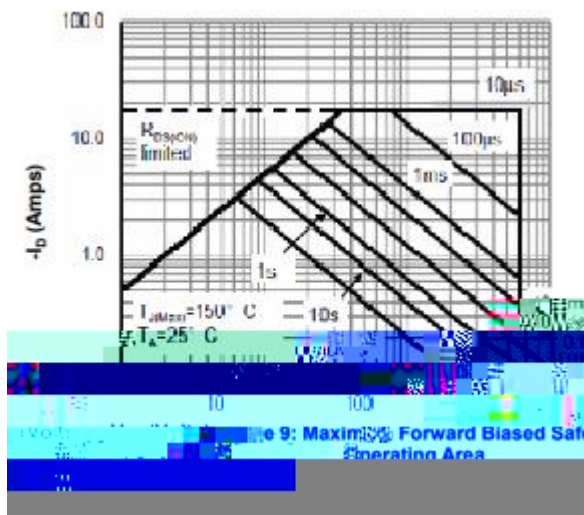
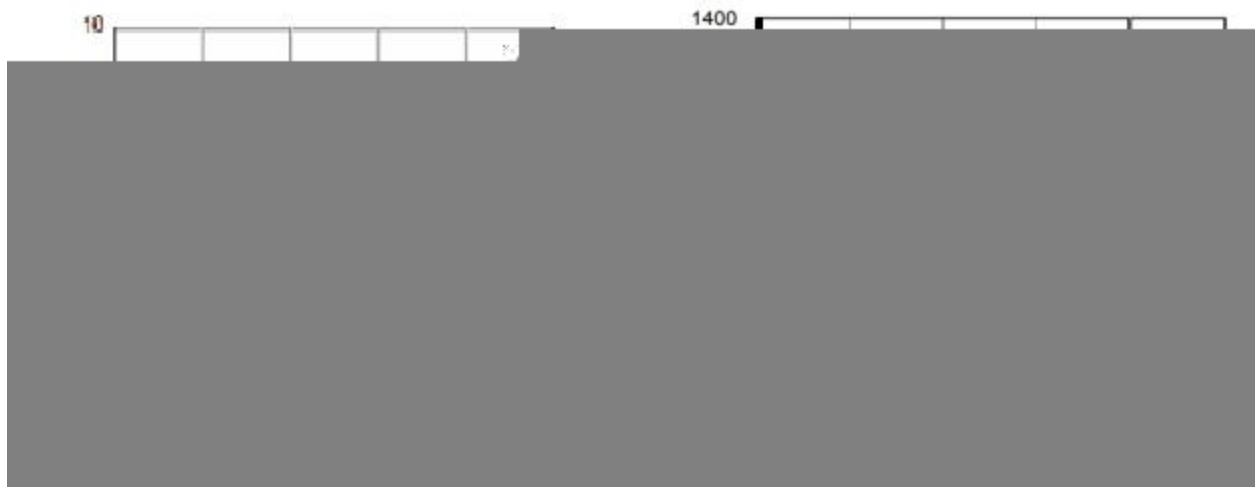
Parameter	Symbol	Rating	Unit
Drain–Source Voltage	V_{DS}	-60	V
Gate–Body Leakage Voltage	V_{GS}	± 20	V
Drain Current - Continuous	I_D	-5	A

/ Electrical Characteristic Curve

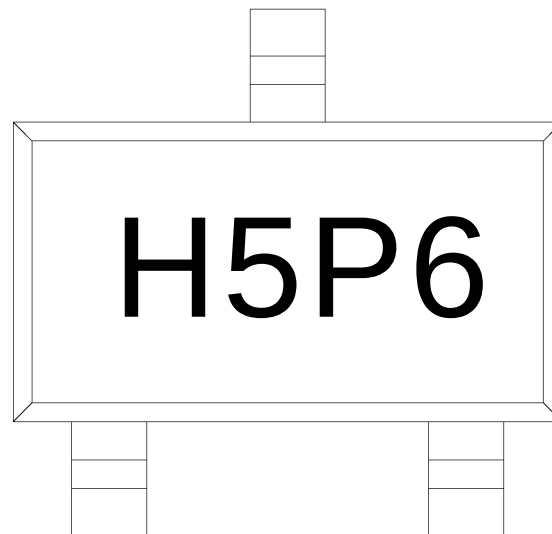




/ Electrical Characteristic Curve



/ Marking Instructions



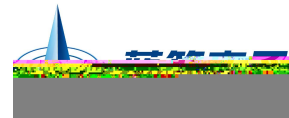
H:

5P6

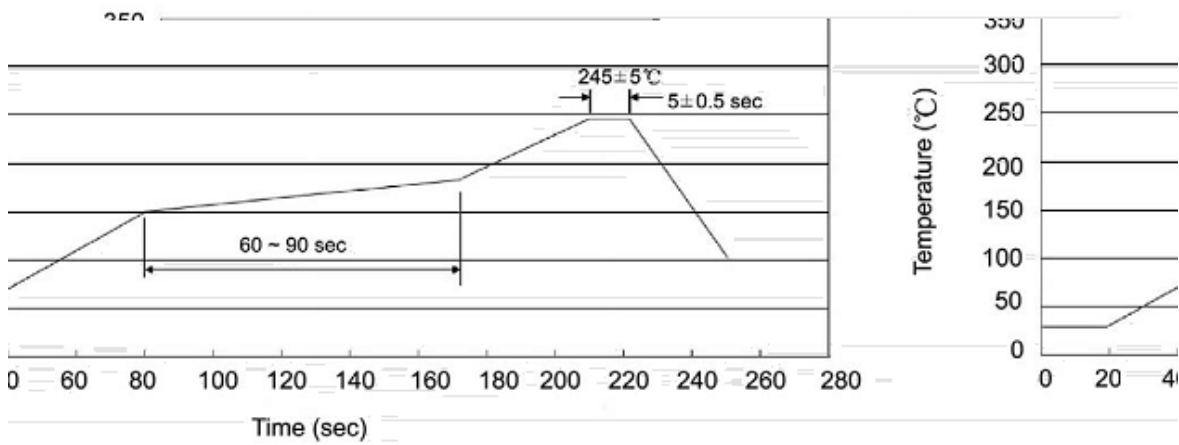
Note:

H Company Code.

5P6: Product Type



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



Note:

- | | | | |
|---|---------|-----------|--|
| 1 | 150 180 | 60 90sec; | 1.Preheating:150~180°C, Time:60~90sec. |
| 2 | 245±5 | 5±0.5sec; | 2.Peak Temp.:245±5°C, Duration:5±0.5sec. |
| 3 | 2 10 | | |