BRCS3404MA

Rev.A Oct-2023

DATA SHEET

5 é / Descriptions

SOT-23 .> / / x N 3 MOS « | • 'ož

4- CHANNEL MOSFET in a SOT-23 Plastic Package.

¤ a / Features

V_{DS} (V) = 30V

I_D = 5.5 A (V_{GS} = 20V)

$R_{DS(ON)}$ < 31m (V_{GS} = 10V)

$R_{DS(ON)}$ < 43m (V_{GS} = 4.5V)

—)í D }ož HF Product.

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

Ã W] Ô · / Equivalent Circuit

PIN1 y G PIN 2 y S PIN 3 y D

, M V / Marking

@ ƒ Parameter		… Z Symbol	ƒ › Rating	% y Unit
Drain-Source Voltage		V_{DS}	30	V
Drain Current – Continuous		I_D	5.5	A
Pulsed Drain Current		[redacted] I_{DM}	19	A
Gate-Source Voltage		[redacted] V_{GS}	±20	V
Total Power Dissipation		[redacted] P_D	1.4	W
Operating and Storage Junction Temperature Range		[redacted] $_J$, T_{STG}	-55 to 150	
Maximum Junction-to-Ambient	t 0 10s	[redacted] $R_{\theta JA}$	90	/W
Maximum Junction-to-Ambient	Steady-State	[redacted]	125	
[redacted]		$R_{\theta JL}$	80	

[redacted]

@ ƒ Parameter	… Z Symbol	Symbol Unit	I	m	-	.

[redacted]

[redacted]

Ô ? d • Ž ¢ / Electrical Characteristic Curve

Ô ? d • Ž ¢ / Electrical Characteristic Curve

Ø ¤ =) ¢ / Package Dimensions

, M y ƒ / Marking Instructions

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šWD t…•Ž¢ (x/) / :KSVKXGZ[XK 6XULORK LUX /8 8KLRU] 9URJKXOTM 6

ª ¢ y	Note:
1o• Ä ½ “ † 150 ½180 - k ž • 60 ½90sec;	1.Preheating:150~180 - , Time:60~90sec.
2o• Q › “ † 245 r5 - k ž • 4 Ò 5 r0.5sec;	2.Peak Temp.:245 r5 - , Duration:5 r0.5sec.
3o•D N ò i Ò 0 , † 2 ½10 - /sec.	3. Cooling Speed: 2~10 - /sec.