

# CPH3439

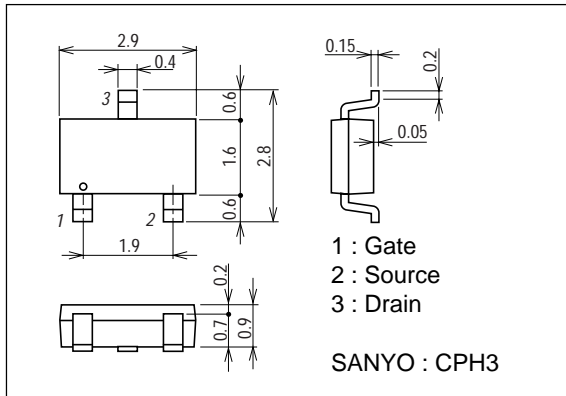
Continued from preceding page.

Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Total Gate Charge	Qg	V <sub>DS</sub> =10V, V <sub>GS</sub> =4V, I <sub>D</sub> =4.5A		8.6		nC
Gate-to-Source Charge	Qgs	V <sub>DS</sub> =10V, V <sub>GS</sub> =4V, I <sub>D</sub> =4.5A		1.8		nC
Gate-to-Drain "Miller" Charge	Qgd	V <sub>DS</sub> =10V, V <sub>GS</sub> =4V, I <sub>D</sub> =4.5A		2.4		nC
Diode Forward Voltage	V <sub>SD</sub>	I <sub>S</sub> =4.5A, V <sub>GS</sub> =0		0.85	1.2	V

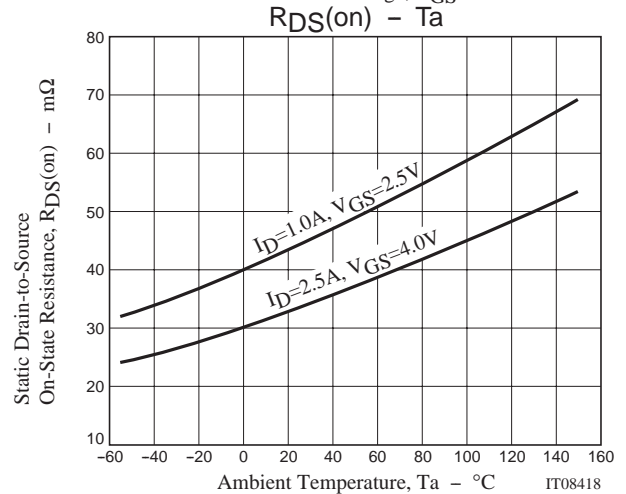
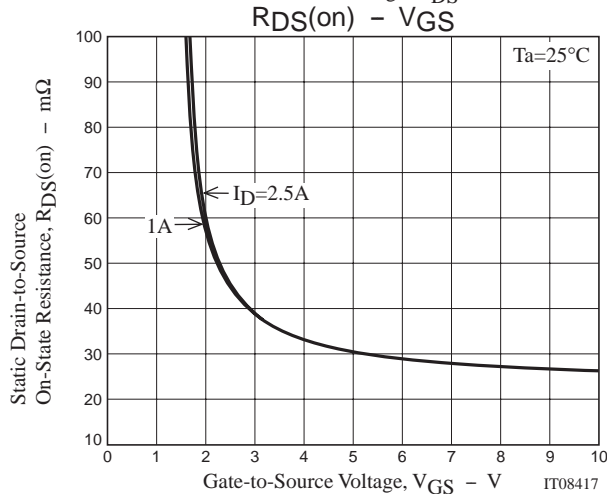
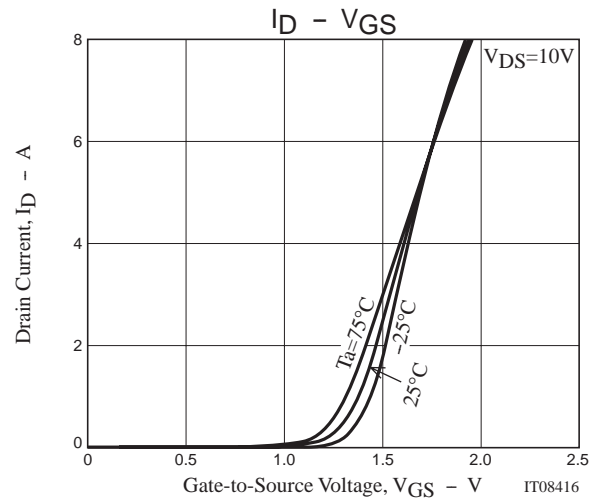
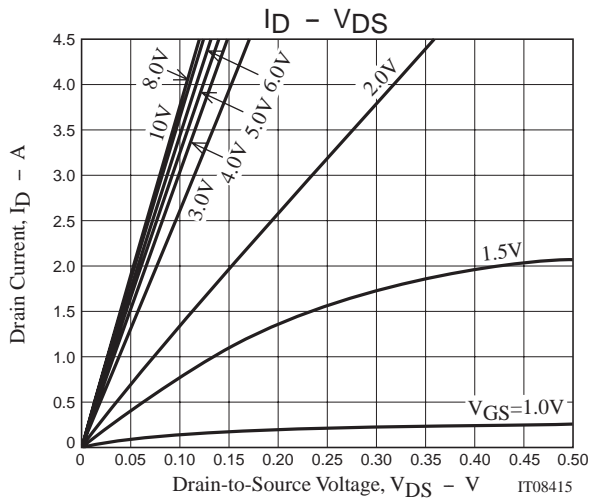
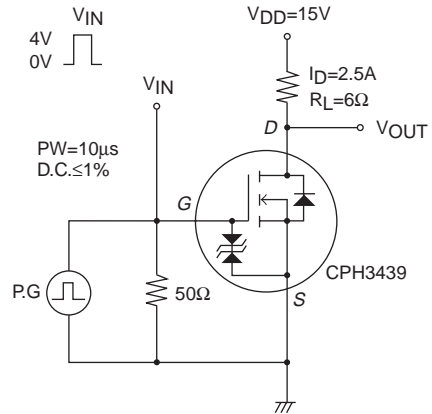
## Package Dimensions

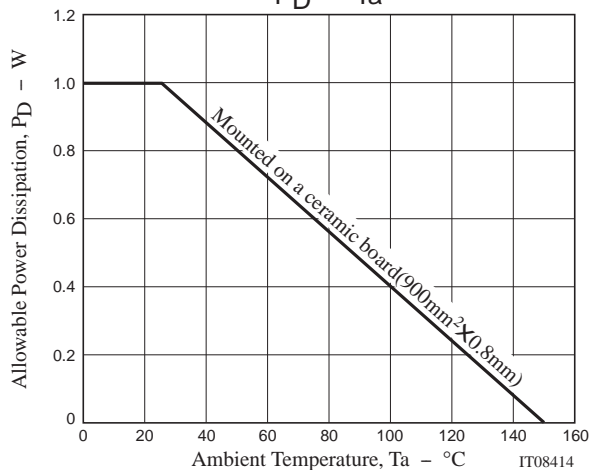
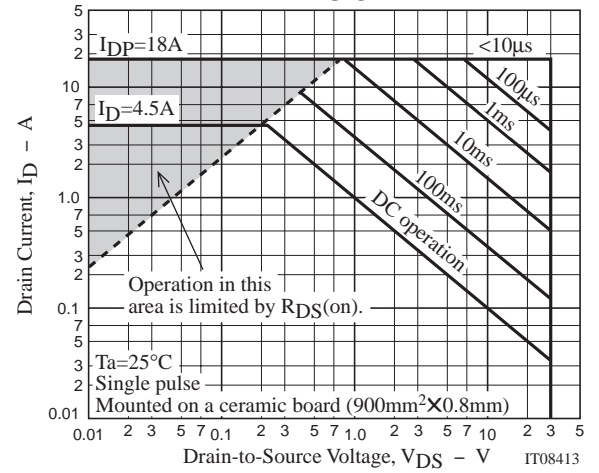
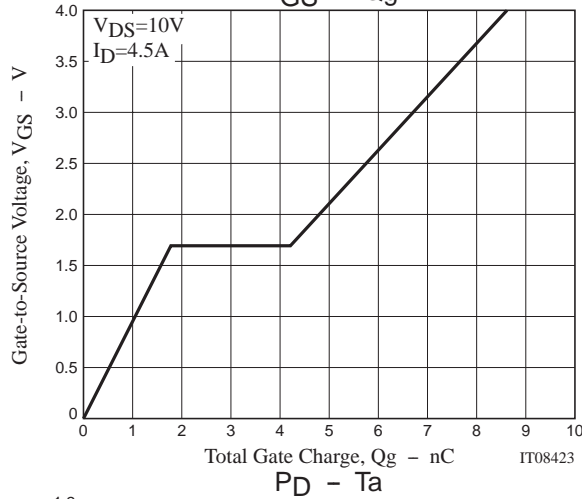
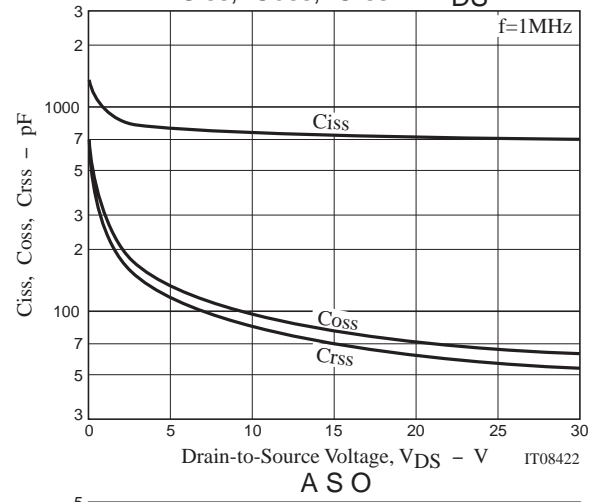
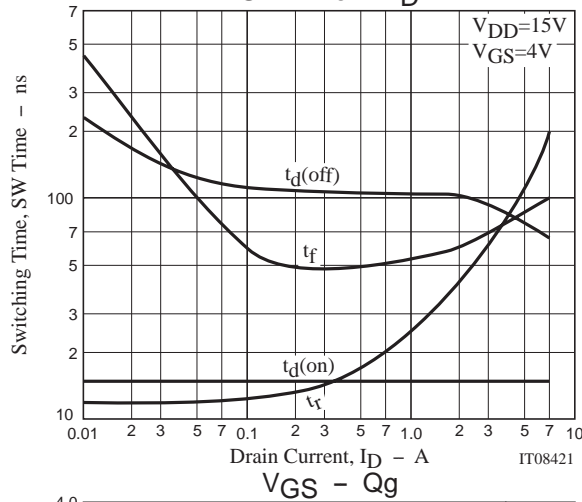
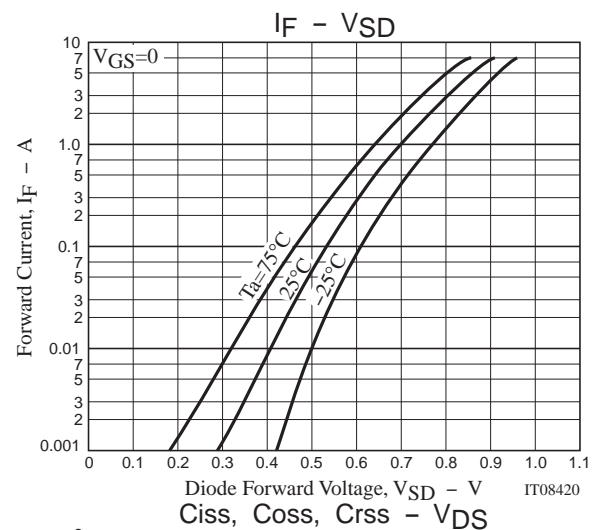
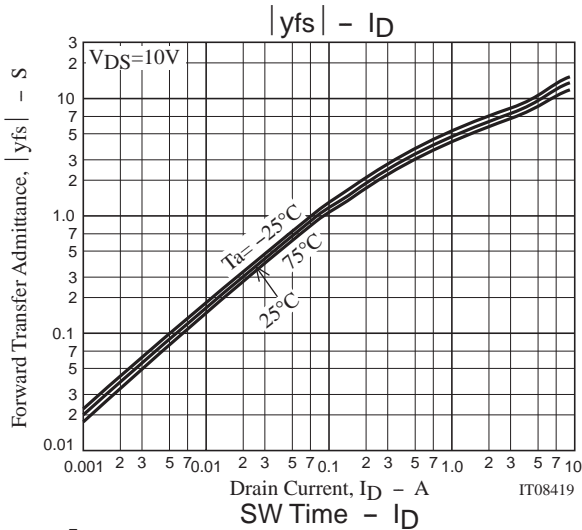
unit : mm

2152A



## Switching Time Test Circuit





Note on usage : Since the CPH3439 is a MOSFET product, please avoid using this device in the vicinity of highly charged objects.

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