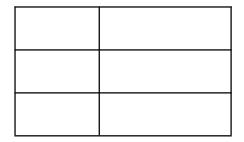
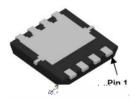
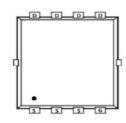
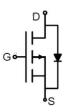


Main Product Characteristics:









PDFN3x3-8L

Pin Assignments

Schematic Diagram

Features and Benefits:



Description:

Absolute Max Rating:

Symbol	Parameter	Max.	Units



SMT003P06J8

Thermal Resistance

Symbol	Characterizes	Тур.	Max.	Units

Electrical Characterizes

Symbol	Parameter	Min.	Тур.	Max.	Units	Conditions

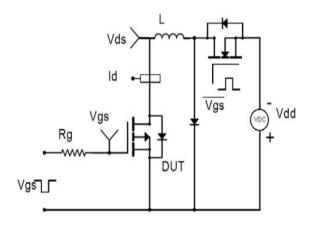
Source-Drain Ratings and Characteristics

Symbol	Parameter	Min.	Тур.	Max.	Units	Conditions
						G - H
						Ę _s

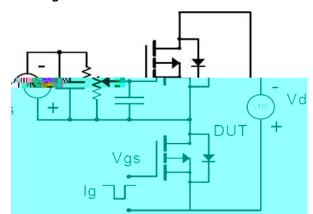


Test Circuits and Waveforms

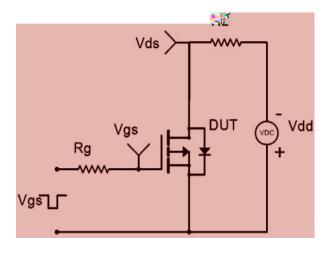
EAS Test Circuit:



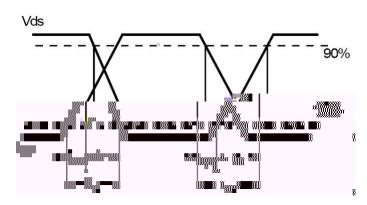
Gate Charge Test Circuit:



Switching Time Test Circuit:



Switching Waveforms:

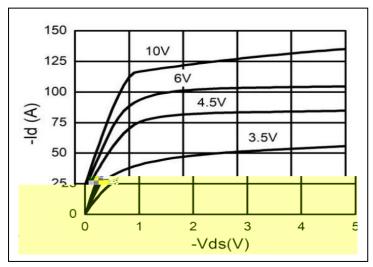


Version: Preliminary

Notes:



Typical Electrical and Thermal Characteristics



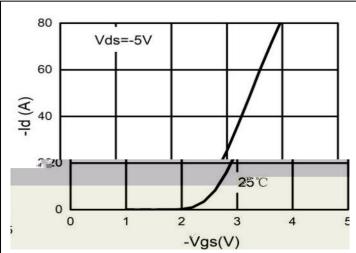
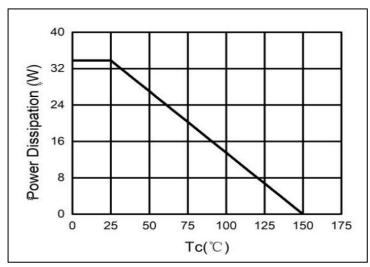


Figure 1. Typical Output Characteristics

Figure 2. Transfer Characteristics



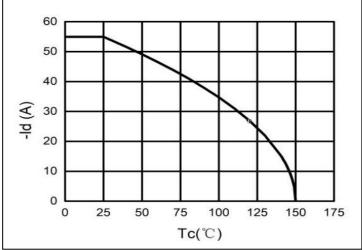
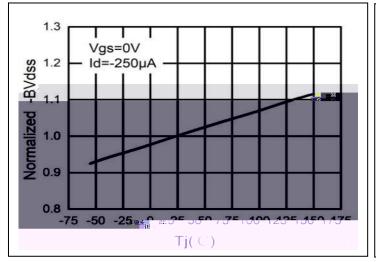


Figure 3. Power Dissipation

Figure 4. Drain Current



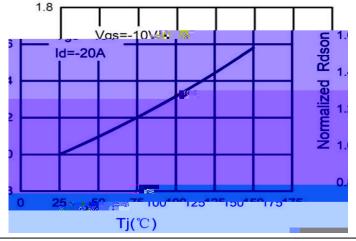


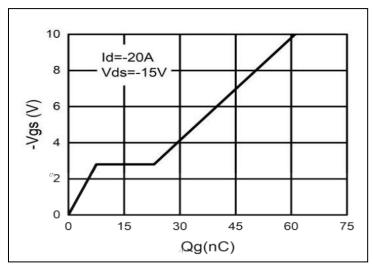
Figure 5. BV_{DSS} vs Junction Temperature

Figure 6. R_{DS(ON)} vs Junction Temperature





Typical Electrical and Thermal Characteristics



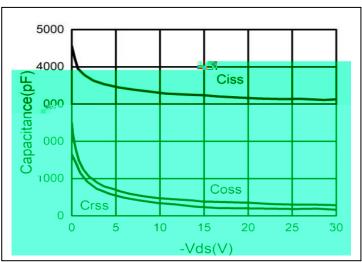
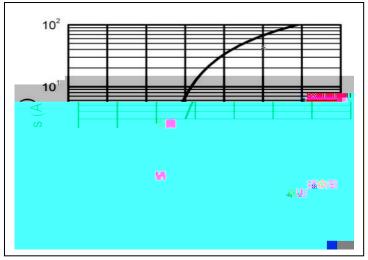


Figure7. Gate Charge Waveforms

Figure8. Capacitance



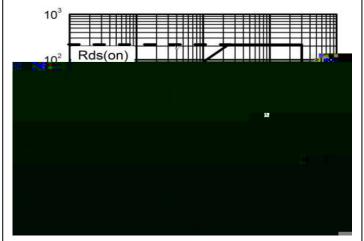
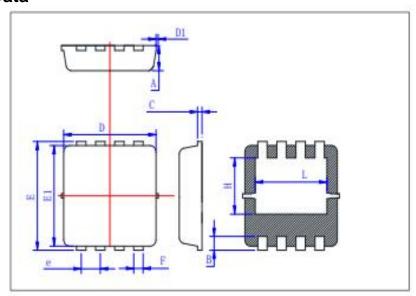


Figure 9. Body-Diode Characteristics

Figure 10. Maximum Safe Operating Area



Mechanical Data



Symbol	Min	Typ	Max
A	0.725	0.775	0.825
В	0.28	0.38	0.48
C	0.13	0.15	0.20
D	3.05	3.15	3.25
D1			0.10
E	3.25	3.35	3.45
EI	3.0	3.1	3.2
e	0.60	0.65	0.70
F	0.25	0.30	
H	1.63	1.73	1.83
L.	2.35	2.45	2.55





ATTENTION: