## **Revised Application Notes and Design Tips**

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INT-936	The Do's and Don'ts of Using MOS-Gated Transistors	936	7	May-97
	(Comprised of: AN-936)			
	Be Mindful of the Reverse Blocking Characteristics of the Device			
	Be Careful When Handling and Testing Power HEXFETs			
	Beware of Unexpected Gate-to-Source Voltage Spikes			
	Beware of Drain or Collector Voltage Spikes Induced by Switching			
	Do Not Exceed the Peak Current Rating			
	Stay Within the Thermal Limits of the Device			
	Pay Attention to Circuit Layout			
	Be Careful When Using the Integral Body-Drain Diode			
	Be On Your Guard When Comparing Current Ratings			
INT-937	Gate Drive Characteristics and Requirements for HEXFET's	937	21	May-97
	(Comprised of: AN-937, AN-971 & DT94-5)			
	Gate Drive -vs- Base Drive			
	Enhancement -vs- Depletion			
	N -vs- P-Channel			
	Maximum Gate Voltage			
	Zener Diodes on Gate?			
	The Most Important Factor in Gate Drive: The Impedance of the Gate Drive Circuit			
	Switching 101 or Understanding the Waveforms			
	What Happens if Gate Drive Impedance is High? dv/dt Induced Turn-on			
	Can a TTL Gate Drive a Standard <i>HEXFET</i> ?			
	The Universal Buffer			
	Power Dissipation of the Gate Drive Circuit is Seldom a Problem			
	Can a C-MOS Gate Drive a Standard <i>HEXFET</i> ?			
	Driving <i>HEXFETs</i> From Linear Circuits			
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	Gate Drive Supply Developed From the Drain of the Power Device			
	Gate Drivers with Pulse Transformers			
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	Drive Requirements of a Logic Level HEXFET			
	How Fast is a Logic Level <i>HEXFET</i> Driven by a Logic Circuit?			
	Simple and Inexpensive Isolated Gate Drive Supplies			
	A Well-Kent Secret: Photovoltaic Generators as Gate Drivers			
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INT-940	How P-channel HEXFETs Can Simplify Your Circuit	940	4	Jun-97
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	General Guidelines			
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	(Comprised of: AN-944)			
	Background			
	Test Method			
	How to Interpret the Gate Charge Curve			
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INT-948	Linear Power Amplifier Using Complimentary HEXFETs	948	7	Jun-97
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AN-973	HEXFETs Improve Efficiency, Expand Life of Electronic Lighting			
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DT92-5	SPICE Models for MOS-Gated Power Devices	9205	4	Dec-94
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