

APPLICATIONS

¶ AC motor control

¶ ¶ V=0V

5400

Unit

					mA
					mA
					nA
					μ C
					nF
					nF
					ns
$t_{d(on)}$				170	ns
t_r	Rise Time		$T_J=25$	105	ns
			$T_J=150$	110	ns
$t_{d(off)}$	Turn off Delay Time	$V_{CC}=900V, I_C=150A$	$T_J=25$	450	ns
		$R_G=7.5 \Omega$	$T_J=150$	520	ns
t_f	Fall Time	$V_{GE}=\pm 15V,$	$T_J=25$	180	ns
		Inductive Load	$T_J=150$	210	ns

Figure 9. Diode Forward Characteristi

$V_F(V)$

Rg Å Å

Figure 13. Circuit Diagram