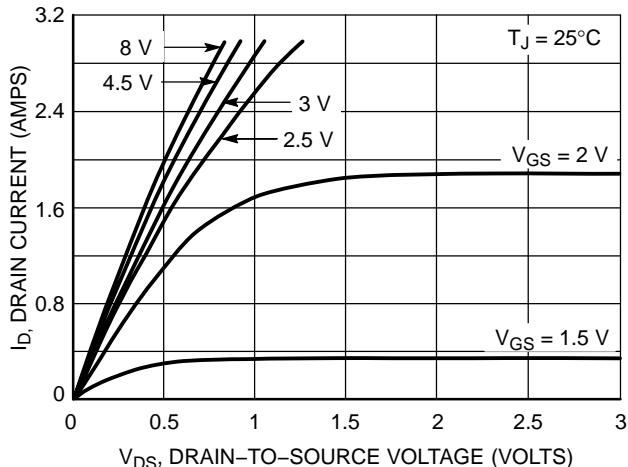
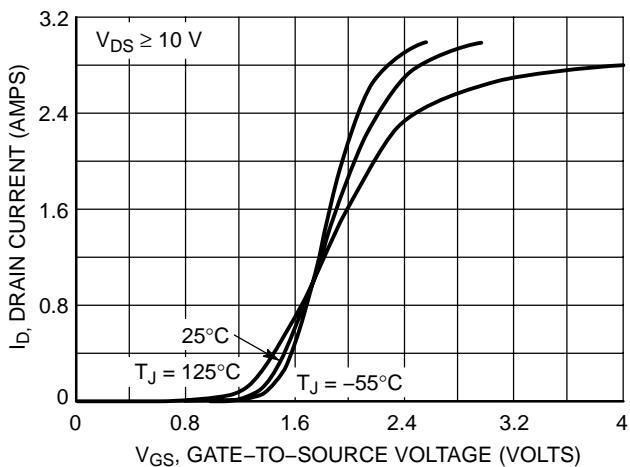
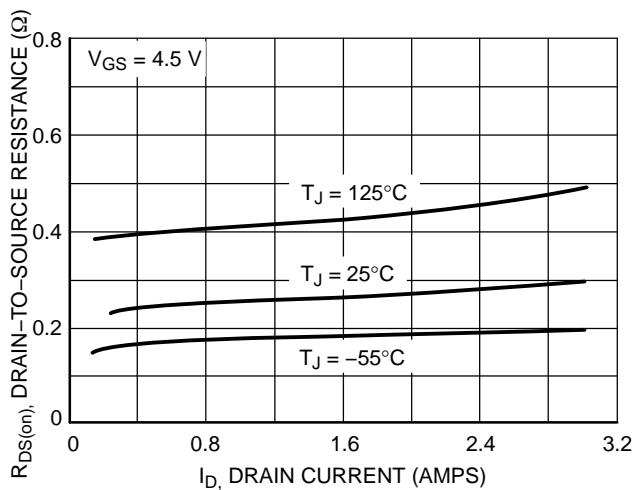
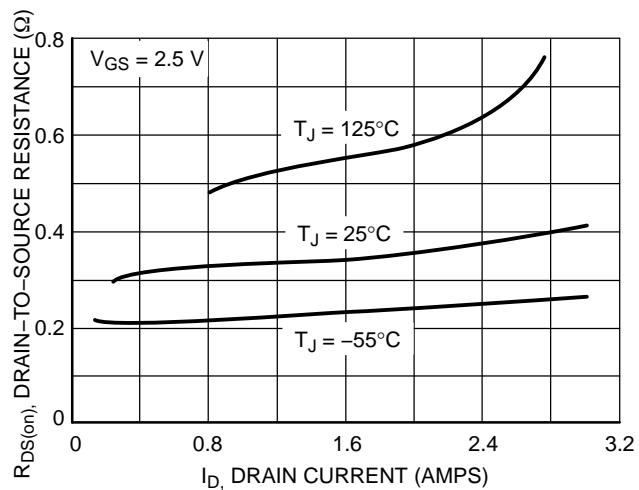
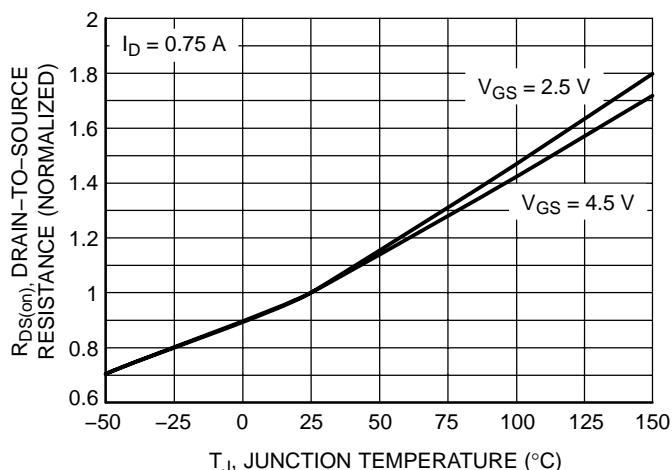
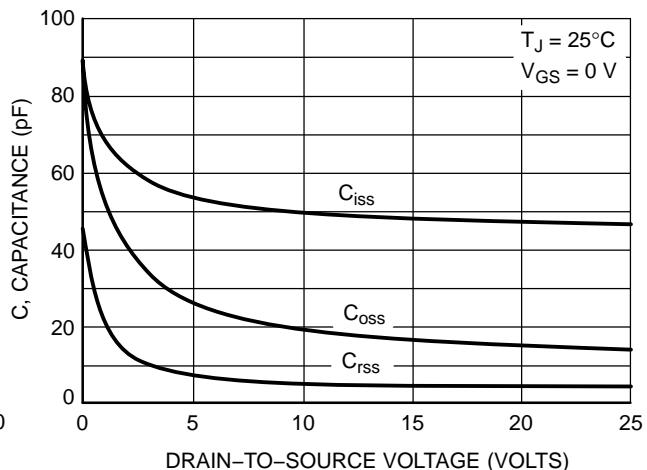
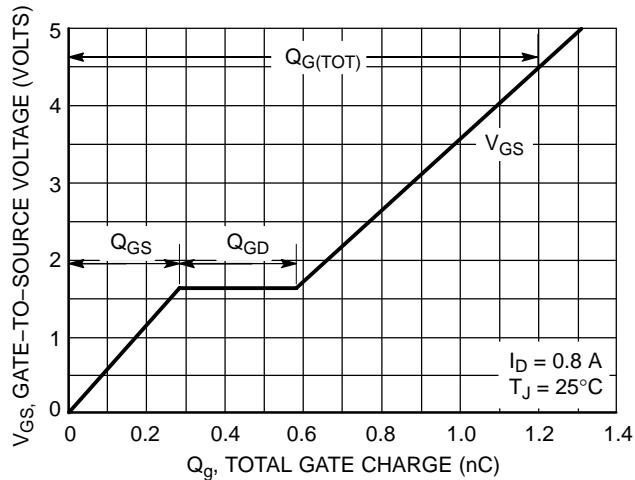


LNTS4409NWT1G , S-LNTS4409NWT1G
TYPICAL PERFORMANCE CURVES ($T_J = 25^\circ\text{C}$ unless otherwise noted)

Figure 1. On-Region Characteristics

Figure 2. Transfer Characteristics

Figure 3. On-Resistance vs. Drain Current and Temperature

Figure 4. On-Resistance vs. Drain Current and Gate Voltage

Figure 5. On-Resistance Variation with Temperature

Figure 6. Capacitance Variation

LNTS4409NWT1G , S-LNTS4409NWT1G

TYPICAL PERFORMANCE CURVES ($T_J = 25^\circ\text{C}$ unless otherwise noted)



**Figure 7. Gate-to-Source and
Drain-to-Source Voltage vs. Total Charge**

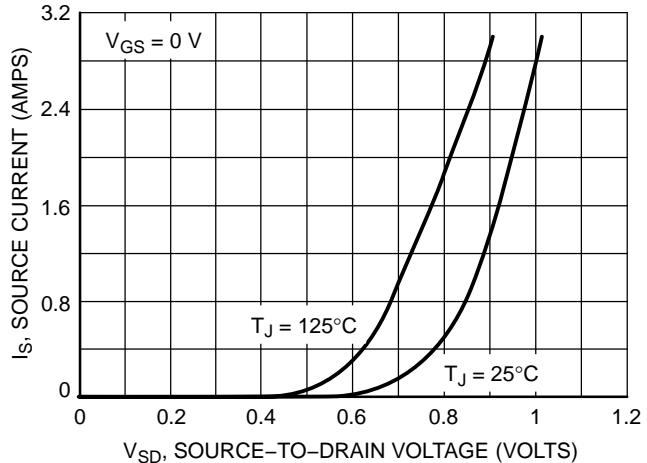
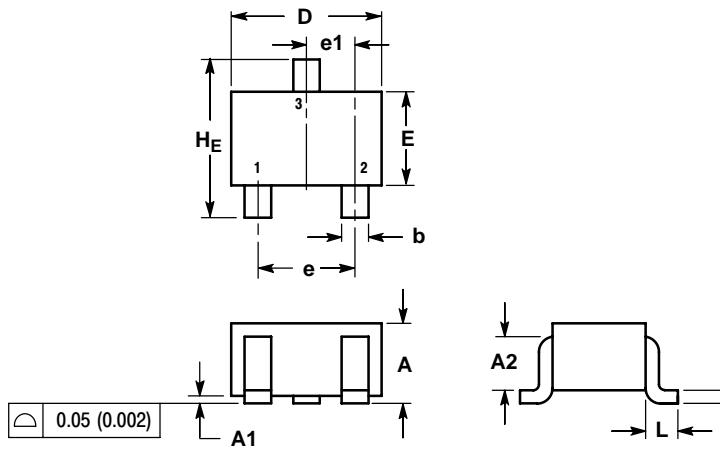


Figure 8. Diode Forward Voltage vs. Current

LNTS4409NWT1G , S-LNTS4409NWT1G

PACKAGE DIMENSIONS

SC-70 (SOT-323)



NOTES:
 1. DIMENSIONING AND TOLERANCING PER ANSI Y14.5M, 1982.
 2. CONTROLLING DIMENSION: INCH.

DIM	MILLIMETERS			INCHES		
	MIN	NOM	MAX	MIN	NOM	MAX
A	0.80	0.90	1.00	0.032	0.035	0.040
A1	0.00	0.05	0.10	0.000	0.002	0.004
A2	0.7 REF			0.028 REF		
b	0.30	0.35	0.40	0.012	0.014	0.016
c	0.10	0.18	0.25	0.004	0.007	0.010
D	1.80	2.10	2.20	0.071	0.083	0.087
E	1.15	1.24	1.35	0.045	0.049	0.053
e	1.20	1.30	1.40	0.047	0.051	0.055
e1	0.65 BSC			0.026 BSC		
L	0.425 REF			0.017 REF		
H _E	2.00	2.10	2.40	0.079	0.083	0.095

STYLE 8:
 PIN 1. GATE
 2. SOURCE
 3. DRAIN

SOLDERING FOOTPRINT*

