NUP2301MW6T1

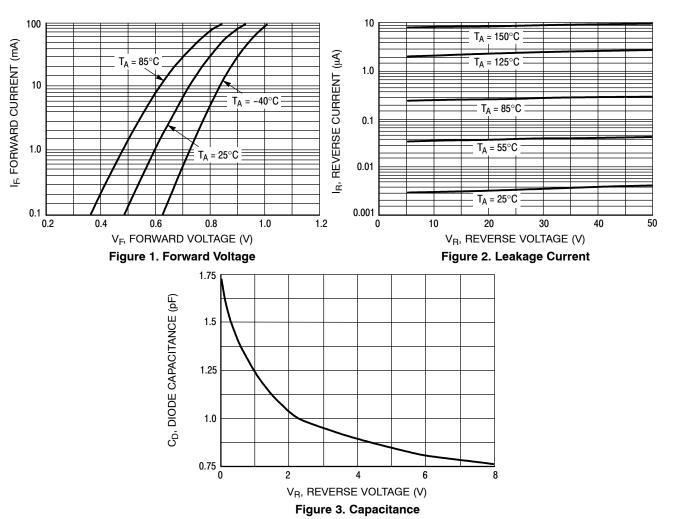
THERMAL CHARACTERISTICS

Characteristic	Symbol	Max	Unit	
Thermal Resistance Junction-to-Ambient	$R_{ heta JA}$	625	°C/W	
Lead Solder Temperature Maximum 10 Seconds Duration	T _L	260	°C	
Junction Temperature	TJ	-55 to +150	°C	
Storage Temperature	T _{stg}	-55 to +150	°C	

ELECTRICAL CHARACTERISTICS (T_J = 25°C unless otherwise noted) (Each Diode)

Characteristic	Symbol	Min	Тур	Max	Unit				
OFF CHARACTERISTICS									
Reverse Breakdown Voltage (I _(BR) = 100 μ.	A)	V _(BR)	70	-	-	Vdc			
Reverse Voltage Leakage Current	$(V_R = 70 \text{ Vdc})$ $(V_R = 25 \text{ Vdc}, T_J = 150^{\circ}\text{C})$ $(V_R = 70 \text{ Vdc}, T_J = 150^{\circ}\text{C})$	I _R	- - -		2.5 30 50	μAdc			
Capacitance (between I/O pins)	(V _R = 0 V, f = 1.0 MHz)	C _D	-	1.0	2.0	pF			
Capacitance (between I/O pin and ground)	(V _R = 0 V, f = 1.0 MHz)	C _D	-	1.6	3	pF			
Forward Voltage	$(I_F = 1.0 \text{ mAdc})$ $(I_F = 10 \text{ mAdc})$ $(I_F = 50 \text{ mAdc})$ $(I_F = 150 \text{ mAdc})$	V _F	- - -		715 855 1000 1250	mV _{dc}			

^{2.} FR-5 = 1.0 \times 0.75 \times 0.062 in. 3. Alumina = 0.4 \times 0.3 \times 0.024 in. 99.5% alumina.



NUP2301MW6T1

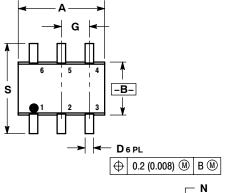
PACKAGE DIMENSIONS

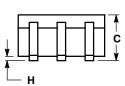
SC-88/SC70-6/SOT-363 CASE 419B-02

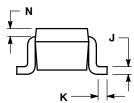
ISSUE 02U

- NOTES:
 1. DIMENSIONING AND TOLERANCING PER ANSI Y14.5M, 1982.
 2. CONTROLLING DIMENSION: INCH.
 3. 419B-01 OBSOLETE, NEW STANDARD 419B-02.

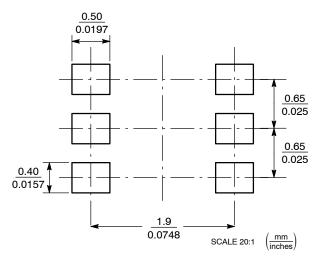
	INC	HES	MILLIMETERS		
DIM	MIN	MAX	MIN	MAX	
Α	0.071	0.087	1.80	2.20	
В	0.045	0.053	1.15	1.35	
С	0.031	0.043	0.80	1.10	
D	0.004	0.012	0.10	0.30	
G	0.026 BSC		0.65 BSC		
Н		0.004		0.10	
J	0.004	0.010	0.10	0.25	
K	0.004	0.012	0.10	0.30	
N	0.008 REF		0.20 REF		
S	0.079	0.087	2 00	2 20	







SOLDERING FOOTPRINT*



*For additional information on our Pb-Free strategy and soldering details, please download the ON Semiconductor Soldering and Mounting Techniques Reference Manual, SOLDERRM/D.

NUP2301MW6T1

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