

**Description**

The MC12093 is a single modulus prescaler for low power



# MC12093

**Table 4. ELECTRICAL CHARACTERISTICS** ( $V_{CC} = 2.7$  to  $5.5$  V;  $T_A = -40$  to  $85$  C)

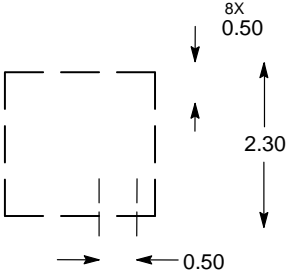
Symbol	Characteristic	Min	Typ	Max	Unit
ft	Toggle Frequency (Sine Wave)	0.1	1.4	1.1	GHz
I <sub>CC</sub>	Supply Current	-	3.0	4.5	mA
ISB	Stand-By Current	-	120	200	μA
V <sub>IH1</sub>	Stand-By Input HIGH (SB)	2.0	-	V <sub>CC</sub>	V
V <sub>IL1</sub>	Stand-By Input LOW (SB)	Gnd	-		

**DFN8 2x2, 0.5P**  
CASE 506AA  
ISSUE F

DATE 04 MAY 2016

1  
SCALE 4:1

**SOLDERING FOOTPRINT\***

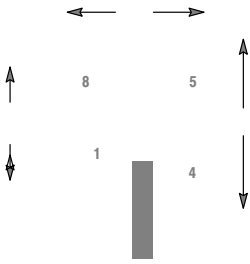


DIMENSIONS: MILLIMETERS

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

**SOIC 8 NB**  
CASE 751-07  
ISSUE AK

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SEATING  
PLANE





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