# 2, 4, 8 1.1 GHz Low Power Prescaler

# 12093

## Description

The MC12093 is a single modulus prescaler for low power

**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 |
| $I_{CC}$ | Supply Current | – | 3.0 | 4.5 | mA |
| ISB | Stand-By Current | – | 120 | 200 | μA |
| $V_{IH1}$ | Stand-By Input HIGH (SB) | 2.0 | – | $V_{CC}$ | V |
| $V_{IL1}$ | Stand-By Input LOW (SB) | Gnd | – | | |

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

DATE 04 MAY 2016

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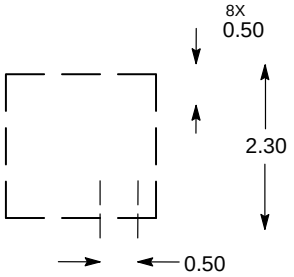
**SCALE 4:1**

**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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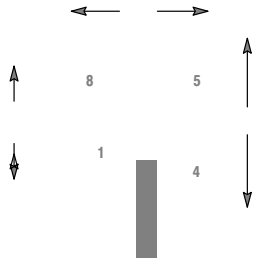


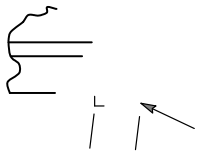

SEATING
PLANE