

**PACKAGING INFORMATION**

| Orderable Device | Status<br>(1) | Package Type | Package Drawing | Pins | Package Qty | Eco Plan<br>(2)     | Lead finish/<br>Ball material<br>(6) | MSL Peak Temp<br>(3) | Op Temp (°C) | Device Marking<br>(4/5)                | Samples                 |
|------------------|---------------|--------------|-----------------|------|-------------|---------------------|--------------------------------------|----------------------|--------------|--|-------------------------|
| 5962-87721012A   | ACTIVE        | LCCC         | FK              | 20   | 55          | Non-RoHS<br>& Green | SNPB                                 | N / A for Pkg Type   | -55 to 125   | 5962-<br>87721012A<br>SNJ54HC<br>125FK | <a href="#">Samples</a> |
| 5962-8772101CA   | ACTIVE        | CDIP         | J               | 14   | 25          | Non-RoHS<br>& Green | SNPB                                 | N / A for Pkg Type   | -55 to 125   | 5962-8772101CA<br>SNJ54HC125J          | <a href="#">Samples</a> |
| SN54HC125J       | ACTIVE        | CDIP         | J               | 14   | 25          | Non-RoHS<br>& Green | SNPB                                 | N / A for Pkg Type   | -55 to 125   | SN54HC125J                             | <a href="#">Samples</a> |
| SN74HC125D       | OBSOLETE      | SOIC         | D               | 14   |             | TBD                 | Call TI                              | Call TI              | -40 to 85    | HC125                                  |                         |
| SN74HC125DBR     | ACTIVE        | SSOP         | DB              | 14   | 2000        | RoHS & Green        | NIPDAU                               | Level-1-260C-UNLIM   | -40 to 85    | HC125                                  | <a href="#">Samples</a> |
| SN74HC125DR      | ACTIVE        | SOIC         | D               | 14   | 2500        | RoHS & Green        | NIPDAU   SN                          | Level-1-260C-UNLIM   | -40 to 85    | HC125                                  | <a href="#">Samples</a> |
| SN74HC125DRG4    | ACTIVE        | SOIC         | D               | 14   | 2500        | RoHS & Green        | NIPDAU                               | Level-1-260C-UNLIM   | -40 to 85    | HC125                                  | <a href="#">Samples</a> |
| SN74HC125DT      | OBSOLETE      | SOIC         | D               | 14   |             | TBD                 | Call TI                              | Call TI              | -40 to 85    | HC125                                  |                         |
| SN74HC125N       | ACTIVE        | PDIP         | N               | 14   | 25          | RoHS & Green        | NIPDAU                               | N / A for Pkg Type   | -40 to 85    | SN74HC125N                             | <a href="#">Samples</a> |
| SN74HC125NE4     | ACTIVE        | PDIP         | N               | 14   | 25          | RoHS & Green        | NIPDAU                               | N / A for Pkg Type   | -40 to 85    | SN74HC125N                             | <a href="#">Samples</a> |
| SN74HC125NSR     | ACTIVE        | SO           | NS              | 14   | 2000        | RoHS & Green        | NIPDAU                               | Level-1-260C-UNLIM   | -40 to 85    | HC125                                  | <a href="#">Samples</a> |
| SN74HC125PWR     | ACTIVE        | TSSOP        | PW              | 14   | 2000        | RoHS & Green        | NIPDAU   SN                          | Level-1-260C-UNLIM   | -40 to 85    | HC125                                  | <a href="#">Samples</a> |
| SN74HC125PWRG4   | ACTIVE        | TSSOP        | PW              | 14   | 2000        | RoHS & Green        | NIPDAU                               | Level-1-260C-UNLIM   | -40 to 85    | HC125                                  | <a href="#">Samples</a> |
| SN74HC125PWT     | OBSOLETE      | TSSOP        | PW              | 14   |             | TBD                 | Call TI                              | Call TI              | -40 to 85    | HC125                                  |                         |
| SNJ54HC125FK     | ACTIVE        | LCCC         | FK              | 20   | 55          | Non-RoHS<br>& Green | SNPB                                 | N / A for Pkg Type   | -55 to 125   | 5962-<br>87721012A<br>SNJ54HC<br>125FK | <a href="#">Samples</a> |
| SNJ54HC125J      | ACTIVE        | CDIP         | J               | 14   | 25          | Non-RoHS<br>& Green | SNPB                                 | N / A for Pkg Type   | -55 to 125   | 5962-8772101CA<br>SNJ54HC125J          | <a href="#">Samples</a> |

(1) The marketing status values are defined as follows:

**ACTIVE:** Product device recommended for new designs.

**LIFEBUY:** TI has announced that the device will be discontinued, and a lifetime-buy period is in effect.

**NRND:** Not recommended for new designs. Device is in production to support existing customers, but TI does not recommend using this part in a new design.

**PREVIEW:** Device has been announced but is not in production. Samples may or may not be available.

**OBSOLETE:** TI has discontinued the production of the device.

<sup>(2)</sup> **RoHS:** TI defines "RoHS" to mean semiconductor products that are compliant with the current EU RoHS requirements for all 10 RoHS substances, including the requirement that RoHS substance do not exceed 0.1% by weight in homogeneous materials. Where designed to be soldered at high temperatures, "RoHS" products are suitable for use in specified lead-free processes. TI may reference these types of products as "Pb-Free".

**RoHS Exempt:** TI defines "RoHS Exempt" to mean products that contain lead but are compliant with EU RoHS pursuant to a specific EU RoHS exemption.

**Green:** TI defines "Green" to mean the content of Chlorine (Cl) and Bromine (Br) based flame retardants meet JS709B low halogen requirements of <=1000ppm threshold. Antimony trioxide based flame retardants must also meet the <=1000ppm threshold requirement.

<sup>(3)</sup> **MSL, Peak Temp.** - The Moisture Sensitivity Level rating according to the JEDEC industry standard classifications, and peak solder temperature.

<sup>(4)</sup> There may be additional marking, which relates to the logo, the lot trace code information, or the environmental category on the device.

<sup>(5)</sup> Multiple Device Markings will be inside parentheses. Only one Device Marking contained in parentheses and separated by a "~" will appear on a device. If a line is indented then it is a continuation of the previous line and the two combined represent the entire Device Marking for that device.

<sup>(6)</sup> **Lead finish/Ball material** - Orderable Devices may have multiple material finish options. Finish options are separated by a vertical ruled line. Lead finish/Ball material values may wrap to two lines if the finish value exceeds the maximum column width.

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**OTHER QUALIFIED VERSIONS OF SN54HC125, SN74HC125 :**

- Catalog : [SN74HC125](#)
- Automotive : [SN74HC125-Q1](#), [SN74HC125-Q1](#)
- Military : [SN54HC125](#)

NOTE: Qualified Version Definitions:

- Catalog - TI's standard catalog product
- Automotive - Q100 devices qualified for high-reliability automotive applications targeting zero defects
- Military - QML certified for Military and Defense Applications