

**590UC-CDG Information**


For Reference Only

**Part Number** [590UC-CDG](#)  
**Manufacturer** Silicon Labs  
**Category** Crystals, Oscillators, Resonators  
[Programmable Oscillators](#)  
**Description** OSC PROG CML 2.5V EN/DS 20PPM  
**Package** 6-SMD, No Lead  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**590UC-CDG Specifications**

|                             |   |
|-----------------------------|---|
| Manufacturer Part Number    | <a href="#">590UC-CDG</a>   |
| Manufacturer                | Silicon Labs  |
| Category                    | Crystals, Oscillators, Resonators<br><a href="#">Programmable Oscillators</a> |
| Package                     | 6-SMD, No Lead  |
| Series                      | Si590   |
| Type                        | XO (Standard)   |
| Programmable Type           | Programmed as Request   |
| Available Frequency Range   | 215MHz ~ 524.999MHz   |
| Function                    | Enable/Disable  |
| Output                      | CML   |
| Voltage - Supply            | 2.5V  |
| Frequency Stability         | ±20ppm  |
| Frequency Stability (Total) | ±30ppm  |
| Operating Temperature       | -40°C ~ 85°C  |
| Spread Spectrum Bandwidth   | -   |
| Current - Supply (Max)      | 110mA   |
| Ratings                     | -   |
| Mounting Type               | Surface Mount   |
| Package / Case              | 6-SMD, No Lead  |
| Size / Dimension            | 0.276" L x 0.197" W (7.00mm x 5.00mm)   |
| Height                      | 0.071" (1.80mm)   |

[Report errors?](#)

## 590UC-CDG Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## 590UC-CDG Payment Methods



## 590UC-CDG Shipping Methods



If you have any question about 590UC-CDG, please do not hesitate to contact us!

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E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)