

C8051T605-GS



SILICON LABS



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**Part Number:** [C8051T605-GS](#)

**Manufacturer:** [Silicon Labs](#)

**Description:** IC MCU 8BIT 2KB OTP 14SOIC

**Data sheet:**  [C8051T600-606 DataSheet](#)

**RoHs Status:** Lead free / RoHS Compliant

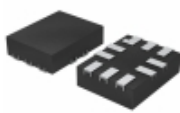
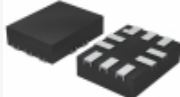
**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                |                                             |                                 |                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|---------------------------------|------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                      | C8051T605-GS                                | Manufacturer                    | <a href="#">Silicon Labs</a>                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                      | IC MCU 8BIT 2KB OTP 14SOIC                  | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                               | 5690 pcs                                    | Data sheet                      | <a href="#">C8051T600-606 DataSheet</a>                                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</a>   | Voltage - Supply (Vcc/Vdd)      | OTP                                                                    |
| Voltage - Breakdown                                                                                                                                                                                                                                                                                                                                                                                                              | 14-SOIC                                     | Series                          | C8051T60x                                                              |
| RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                      | Tube                                        | Reverse Recovery Time (trr)     | 25MHz                                                                  |
| Requires                                                                                                                                                                                                                                                                                                                                                                                                                         | POR, PWM, WDT                               | Program Memory Type             | 2KB (2K x 8)                                                           |
| Program Memory Size                                                                                                                                                                                                                                                                                                                                                                                                              | SMBus (2-Wire/I <sup>2</sup> C), UART/USART | Polarization                    | 14-SOIC (0.154", 3.90mm Width)                                         |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                      | 336-1661-5<br>C8051T605GS                   | Oscillator Type                 | -                                                                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                            | -40°C ~ 85°C (TA)                           | Operating System                | 8051                                                                   |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                 | 3 (168 Hours)                               | Manufacturer Standard Lead Time | 6 Weeks                                                                |
| Manufacturer Part Number                                                                                                                                                                                                                                                                                                                                                                                                         | C8051T605-GS                                | Expanded Description            | 8051 C8051T60x Microcontroller IC 8-Bit 25MHz 2KB (2K x 8) OTP 14-SOIC |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                      | IC MCU 8BIT 2KB OTP 14SOIC                  | Data SRAM Bytes                 | -                                                                      |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                  | 1.8 V ~ 3.6 V                               | Core Size                       | 256 x 8                                                                |
| Controller Series                                                                                                                                                                                                                                                                                                                                                                                                                | Internal                                    | Connectivity                    | 8-Bit                                                                  |
| Clock Rate                                                                                                                                                                                                                                                                                                                                                                                                                       | 8                                           |                                 |                                                                        |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Energy Micro (Silicon Labs) series electronic components. We have 5690 pieces of Energy Micro (Silicon Labs) C8051T605-GS in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: info@Components-World.com |                                             |                                 |                                                                        |

| RELATED PRODUCTS                                                                   |                                            |                                                            |                     |
|------------------------------------------------------------------------------------|--------------------------------------------|------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">C8051T606-ZMR</a>       | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 8BIT 1.5KB OTP 10QFN   |                                                            |                     |
|  | Part#: <a href="#">C8051T606-GM</a>        | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 8BIT 1.5KB OTP 11QFN   |                                                            |                     |
|  | Part#: <a href="#">C8051T604-GM</a>        | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 8BIT 2KB OTP 11QFN     |                                                            |                     |
|  | Part#: <a href="#">C8051T605-GM</a>        | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 8BIT 2KB OTP 11QFN     |                                                            |                     |
|  | Part#: <a href="#">C8051T603-GS</a>        | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 8BIT 4KB OTP 14SOIC    |                                                            |                     |
|  | Part#: <a href="#">C8051T606-GT</a>        | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 8BIT 1.5KB OTP 10MSOP  |                                                            |                     |
|  | Part#: <a href="#">C8051T606ZDB</a>        | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: CARD DAUGHTER QFN10 SOCKET    |                                                            |                     |
|  | Part#: <a href="#">C8051T604-GS</a>        | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 8BIT 2KB OTP 14SOIC    |                                                            |                     |
|  | Part#: <a href="#">C8051T605-GSR</a>       | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 8BIT 2KB OTP 14SOIC    |                                                            |                     |
|  | Part#: <a href="#">C8051T604-GSR</a>       | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 8BIT 2KB OTP 14SOIC    |                                                            |                     |
|  | Part#: <a href="#">C8051T606-GMR</a>       | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 8BIT 1.5KB OTP 11QFN   |                                                            |                     |
|  | Part#: <a href="#">C8051T603-GM</a>        | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 8BIT 4KB OTP 11QFN     |                                                            |                     |
|  | Part#: <a href="#">C8051T606DK</a>         | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: KIT DEVELOPMENT FOR C8051T606 |                                                            |                     |
|  | Part#: <a href="#">C8051T603-GSR</a>       | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 8BIT 4KB OTP 14SOIC    |                                                            |                     |
|  | Part#: <a href="#">C8051T606-GTR</a>       | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 8BIT 1.5KB OTP 10MSOP  |                                                            |                     |
|  | Part#: <a href="#">C8051T606TDB</a>        | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: CARD DAUGHTER MSOP SOCKET     |                                                            |                     |
|  | Part#: <a href="#">C8051T605-GMR</a>       | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 8BIT 2KB OTP 11QFN     |                                                            |                     |
|  | Part#: <a href="#">C8051T604-GMR</a>       | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 8BIT 2KB OTP 11QFN     |                                                            |                     |
|  | Part#: <a href="#">C8051T603-GMR</a>       | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 8BIT 4KB OTP 11QFN     |                                                            |                     |
|  | Part#: <a href="#">C8051T606-ZM</a>        | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 8BIT 1.5KB OTP 10QFN   |                                                            |                     |

Related keywords for C8051T605-GS

|                                          |                           |                                          |                                   |
|------------------------------------------|---------------------------|------------------------------------------|-----------------------------------|
| Energy Micro (Silicon Labs) C8051T605-GS | C8051T605-GS distributor  | C8051T605-GS supplier                    | C8051T605-GS price                |
| C8051T605-GS download datasheet          | C8051T605-GS datasheet    | C8051T605-GS stock                       | buy C8051T605-GS                  |
| Energy Micro (Silicon Labs) C8051T605-GS | Energy Micro C8051T605-GS | Energy Micro (Silicon Labs) C8051T605-GS | Silicon Laboratories C8051T605-GS |
| Silicon Labs C8051T605-GS                |                           |                                          |                                   |