

**MIC38HC42-1YM-TR Information**


For Reference Only

**Part Number** [MIC38HC42-1YM-TR](#)  
**Manufacturer** Microchip Technology  
**Category** Integrated Circuits (ICs)  
[PMIC - AC DC Converters, Offline Switchers](#)  
**Description** IC REG CTRLR PWM CM 14-SOIC  
**Package** 14-SOIC (0.154", 3.90mm Width)  
 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.


**MIC38HC42-1YM-TR Specifications**

|                            |   |
|----------------------------|---|
| Manufacturer Part Number   | <a href="#">MIC38HC42-1YM-TR</a>  |
| Manufacturer               | Microchip Technology  |
| Category                   | Integrated Circuits (ICs)<br><a href="#">PMIC - AC DC Converters, Offline Switchers</a> |
| Package                    | 14-SOIC (0.154", 3.90mm Width)  |
| Series                     | -   |
| Output Isolation           | Isolated  |
| Internal Switch(s)         | Yes   |
| Voltage - Breakdown        | -   |
| Topology                   | Boost, Buck, Flyback, Forward   |
| Voltage - Start Up         | 14.5V   |
| Voltage - Supply (Vcc/Vdd) | 9 V ~ 20 V  |
| Duty Cycle                 | 96%   |
| Frequency - Switching      | 500kHz  |
| Power (Watts)              | -   |
| Fault Protection           | -   |
| Control Features           | Frequency Control   |
| Operating Temperature      | -40°C ~ 150°C (TJ)  |
| Package / Case             | 14-SOIC (0.154", 3.90mm Width)  |
| Supplier Device Package    | 14-SOIC   |
| Mounting Type              | Surface Mount   |

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## MIC38HC42-1YM-TR 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.

## MIC38HC42-1YM-TR Payment Methods



## MIC38HC42-1YM-TR Shipping Methods



If you have any question about MIC38HC42-1YM-TR, please do not hesitate to contact us!

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