

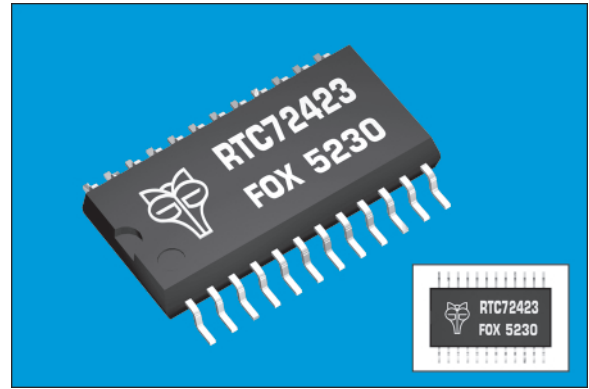
SURFACE MOUNT REAL TIME CLOCK MODULE

RTC72423

The RTC72423 module is the latest design of Real Time Clocks from Fox. It performs the same operations as the RTC72421 but with the additional benefit of being surface mountable.

FEATURES

- Surface Mount version of RTC72421
- Automatic Leap Year Setting
- Low Current Consumption
- Application notes available *



Actual Size

ELECTRICAL CHARACTERISTICS

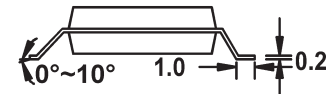
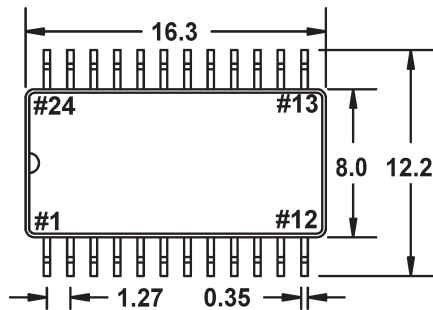
PARAMETERS	CONDITIONS	MIN	MAX	UNITS
Frequency Tolerance RTC 72423A RTC 72423B	Ta = 25°C; VDD = 5 V	-20 -50	+20 +50	PPM
Frequency Stability	-10°C ~ +70°C	-120	+10	PPM
Temperature Range				
Operating Temperature (TOPR)		-40	+85	°C
Storage Temperature (TSTG)		-55	+125	
Supply Voltage (VDD)		+4.5	+5.5	V
Input Current (IDD)			10	µA
Output Voltage (VOL)	Ta = 25°C		0.4	V
(VOH)		2.4		
Input and Output Voltage (VI/O)	Ta = 25°C	GND -0.3V	VDD +0.3V	V
Data Hold Voltage (VDH)		2.0	5.5	V
Aging (1st yr)	Ta = 25°C; VDD = 5 V	-5.0	+5.0	PPM

* Call Fox Customer Service for application notes.
All specifications subject to change without notice. Rev. 10/1/96

Pin Connections

- | | |
|--------------------|---------------------|
| 1. STD. P | 24. VDD |
| 2. CS ₀ | 23. (NC) |
| 3. NC | 22. (NC) |
| 4. ALE | 21. NC |
| 5. A ₀ | 20. CS ₁ |
| 6. NC | 19. D ₀ |
| 7. A ₁ | 18. NC |
| 8. NC | 17. NC |
| 9. A ₂ | 16. D ₁ |
| 10. A ₃ | 15. D ₂ |
| 11. READ | 14. D ₃ |
| 12. GND | 13. WRITE |

Note: (NC) to be at same voltage level as Pin 24.



All dimensions are in millimeters.