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Please note: As part of the Fairchild Semiconductor integration, some of the Fairchild orderable part numbers will need to change in order to meet ON Semiconductor's system requirements. Since the ON Semiconductor product management systems do not have the ability to manage part nomenclature that utilizes an underscore (_), the underscore (_) in the Fairchild part numbers will be changed to a dash (-). This document may contain device numbers with an underscore (_). Please check the ON Semiconductor website to verify the updated device numbers. The most current and up-to-date ordering information can be found at <u>www.onsemi.com</u>. Please email any questions regarding the system integration to <u>Fairchild_questions@onsemi.com</u>.

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14dB Notch at 4.425MHz to 4.6MHz for Sound Trap Capable of Handling Stereo

50dB Stopband Attenuation at 27MHz on CV Output

> 0.5dB Flatness to 4.2MHz on CV Output

Equalizer and Notch Filter for Driving RF Modulator with Group Delay of -180ns

No External Frequency Selection Components or Clocks

< 5ns Group Delay on CV Output

AC-Coupled Input

AC- or DC-Coupled Output

Capable of PAL Frequency for CV

Continuous Time Low-Pass Filters

<1.4% Differential Gain with 0.7° Differential Phase



Absolute Maximum Ratings

Stresses exceeding the absolute maximum ratings may damage the device. The device may not function or be operable above the recommended operating conditions and stressing the parts to these levels is not recommended. In addition, extended exposure to stresses above the recommended operating conditions may affect device reliability. The absolute maximum ratings are stress ratings only.

Symbol

Parameter

Min. Max. Unit







Always visit Fairchild Semiconductor's online packaging area for the most recent package drawings: http://www.fairchildsemi.com/packaging/.



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