The single-chip TEA5767/68 is a miniature, digitally tuned radio IC that utilizes an entirely new radio architecture concept that replaces passive components and complex circuitry, with on-board silicon, drastically reducing the overall bill of materials and making design-in easier. It requires zero external alignments, resulting in shorter design times and lower manufacturing costs due to simplified component placement and reduced logistics overhead. Also, being adjustment free, it delivers increased quality and reliability, both in manufacture and throughout its lifetime in your end application.

As well as offering increased functionality in handheld devices, the radio IC is ideal for integration in a wide range of applications, where its minimal interaction with the rest of your application helps avoid reception / transmission interference. The TEA5767/68 also features very low power consumption and its small footprint makes it ideal for applications where board space is at a premium.

Capable of tuning to European, US and Japanese FM bands, the TEA5767/68 does not need an external FM discriminator and handles IF selectivity entirely on-chip.
TEA5767/68 single-chip FM stereo radio

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