ABSTRACT

Integrated thin film magnetic head without wrap around pole effect.

Thin film magnetic head structure (40) includes digital read/write heads and analog read heads integrated on a single substrate. The so-called "wrap around pole effect" is reduced or eliminated by having the thicknesses of the digital lower flux guides (48, 50) and the analog read gap-defining layer (52) approximately the same, resulting in improved signal output from the digital read heads. The structure is useful in cassette decks designed to play both digital and analog compact cassettes.

(Fig. 2)

This Sheet Has Been Replaced

