

AN6607NS

DC Motor Forward/Reverse Dual Speed Electronic Governor

■ Overview

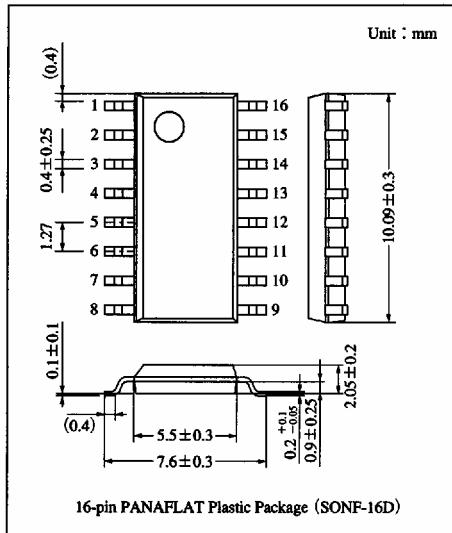
The AN6607NS is an electronic governor which incorporates the forward/reverse rotation and double speed controls of the DC motors used for radio/cassette tape recorder, and the functions such as fast forward, rewind, brake, and pause.

■ Features

- Operating supply voltage range : $V_{CC} = 8V$ to $16V$
- Stable reference voltage ($1.27V$) and easy speed adjustment
- Large starting torque and maximum control torque
- Good secular drift because of external power transistor
- High-density mounting allowed by the SO package
- Forward/reverse constant speed and double speed controls, and fast forward, brake, and pause functions available by 3-bit input

■ Applications

Cassette decks, radio/cassette tape recorders, car cassette tape players, DC motor control such as DAT, tape loading motor control



■ Pin Name

Pin No.	Pin name	Pin No.	Pin name
1	Double speed setting	9	Load characteristic setting
2	FF setting	10	V_{CC}
3	Speed adjustment	11	To pin ⑨
4	Phase correction	12	GND
5	Motor drive \oplus	13	Reference voltage \ominus
6	Collector connection	14	Logic input
7	Base connection	15	Logic input
8	Motor drive \ominus	16	Logic input

■ Block Diagram

