



WINSOURCE
THE DATA SHEET OF

BA5814FM-E2

5 Channel Drivers/Regulator for car Mini Disk

BA5813FM

● Description

The BA5813FM is a 5-channel driver including a 4-channel BTL driver and a 1-channel reversible motor driver and regulator for car applications. Separating the Vcc into Pre and Pow can make the unit more power efficient.

● Features

- 1) Wide dynamic range
(4.0V typical at PreVcc=8V, PowVcc=5V)
- 2) The loading output voltage is adjustable by the voltage control terminal.
- 3) Variable regulator built-in
- 4) Thermal shut down circuit built-in
- 5) Small surface mount power package HSOP-M28

● Applications

MD

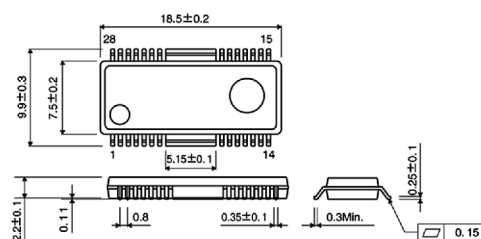
● Absolute Maximum Ratings (Ta=25°C)

Parameter	Symbol	Limits	Unit
Power supply voltage	PREVcc, POWVcc	13.5	V
Power dissipation	Pd	2.2	W
Operating temperature range	Topr	-40 ~ +85	°C
Storage temperature range	Tstg	-55 ~ +150	°C

Derating : 17.6mV/°C for operation above Ta=25°C.

On less than 3% (percentage occupied by copper foil), 70mm x 70mm, t=1.6mm, glass epoxy mounting.

● Dimension (Units : mm)



HSOP-M28

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