

Using the HT46R12 in an Induction Cooker

D/N : HA0101E

Introduction

The HT46R12 and HT46R14 are two devices from Holtek's A/D series of MCUs. These two MCUs each include an integrated PPG (Programmable Pulse Generator) function. By having this on-chip hardware PPG module, the devices are very suitable for induction cooker product applications. In addition to having the PPG function, these two MCU devices also include 2K×14 / 4K×15 of Program Memory, 88×8 / 192×8 of Data Memory, 16/20 bi-directional I/O lines, a 4.8 Channel 9-bit ADC, two comparators and two 8-bit programmable time/divent counters with PFD functions.

In this application note, the HT46R12 MCU will be used as the central component in the control of the induction cooker. The basic operation will be discussed together with the circuit control method.

Basic Operating Theory

Induction Cooking Operating Theory Explained



Fig. 1

Using The Ht46r12 In An Induction Cooker

SB Merriam



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Whispering the Techniques of Language: An Mental Journey through **Using The Ht46r12 In An Induction Cooker**

In a digitally-driven world wherever monitors reign supreme and immediate interaction drowns out the subtleties of language, the profound techniques and mental nuances concealed within phrases often get unheard. Yet, situated within the pages of **Using The Ht46r12 In An Induction Cooker** a interesting fictional prize pulsing with raw feelings, lies a fantastic journey waiting to be undertaken. Penned by a skilled wordsmith, that marvelous opus encourages readers on an introspective trip, delicately unraveling the veiled truths and profound affect resonating within the fabric of every word. Within the mental depths of this emotional review, we shall embark upon a sincere exploration of the book is core subjects, dissect their interesting writing design, and fail to the powerful resonance it evokes deep within the recesses of readers hearts.

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