

## HT71XX EOL Notification

### EOL Notification

Holtek hereby formally gives End Of Life (EOL) notification that the HT71XX (30mA Voltage Regulator) will be phased out of production with a latest purchase date of December 31<sup>st</sup> 2002. The suggested replacement device will be known as the HT71XX-1 and will offer superior performance by providing lower output voltage tolerance of 3% in addition to having an additional SOT25 packaging type.

The following shows the phase out schedule for the HT71XX and the cross references between the phased out HT71XX and the new release device HT71XX-1:

- Last time buy date: December 31<sup>st</sup> 2002
  - Order placement deadline
- Production stops: March 31<sup>st</sup> 2003
  - Cease production
  - Last delivery
  - Product reaches end of life status
- Suggested replacement device: HT71XX-1
  - Output voltage tolerance of  $\pm 3\%$
  - Additional SOT25 package release
  - HT71XX-1 is now available
  - Refer to the following tables for cross reference information between HT71XX and HT71XX-1.

### Features Cross Reference

Item \ Part No.	HT71XX-1	HT71XX
<b>Output Voltage</b>	3.0V / 3.3V / 3.6V / 4.4V / 5.0V	3.0V / 3.3V / 3.6V / 4.4V / 5.0V
<b>Electrical Specification</b>	Same	Same
<b>Part No.</b>	HT7130-1 HT7133-1 HT7136-1 HT7144-1 HT7150-1	HT7130 HT7133 HT7136 HT7144 HT7150
<b>Tolerance</b>	$\pm 3\%$	$\pm 5\%$
<b>Package Form</b>	TO-92 (Bulk, T&R)	TO-92 (Bulk, T&R)
	SOT89 (T&R only)	SOT89 (T&R only)
	SOT25 (T&R only)	None
<b>Marking</b>	71XXA-1 (for TO92)	HT71XXA (for TO92)
	71XX-1 (for SOT89)	HT71XX (for SOT89)
	1XX1 (for SOT25)	None
<b>Availability</b>	Now available	Last order: Dec/31/2002 Last shipment: Mar/31/2003

**Ordering Cross Reference**

HT71xx-1				HT71XX			
Package form	Output Voltage	Part No.	Marking	Package form	Output Voltage	Part No.	Marking
<b>TO92 (Bulk, T&amp;R)</b>  Front View  Bottom View VOUT GND VIN	3.0V±3% 3.3V±3% 3.6V±3% 4.4V±3% 5.0V±3%	HT7130-1 HT7133-1 HT7136-1 HT7144-1 HT7150-1	7130-1 7133-1 7136-1 7144-1 7150-1	<b>TO92 (Bulk, T&amp;R)</b>  Front View  Bottom View VOUT GND VIN	3.0V±5% 3.3V±5% 3.6V±5% 4.4V±5% 5.0V±5%	HT7130 HT7133 HT7136 HT7144 HT7150	HT7130 HT7133 HT7136 HT7144 HT7150
<b>TO92 (Bulk, T&amp;R)</b>  Front View  Bottom View GND VIN VOUT	3.0V±3% 3.3V±3% 3.6V±3% 4.4V±3% 5.0V±3%	HT7130A-1 HT7133A-1 HT7136A-1 HT7144A-1 HT7150A-1	7130A-1 7133A-1 7136A-1 7144A-1 7150A-1	<b>TO92 (Bulk, T&amp;R)</b>  Front View  Bottom View GND VIN VOUT	3.0V±5% 3.3V±5% 3.6V±5% 4.4V±5% 5.0V±5%	HT7130A HT7133A HT7136A HT7144A HT7150A	HT7130A HT7133A HT7136A HT7144A HT7150A
<b>SOT89 (T&amp;R only)</b>  Front View  Bottom View GND VIN VOUT	3.0V±3% 3.3V±3% 3.6V±3% 4.4V±3% 5.0V±3%	HT7130-1 HT7133-1 HT7136-1 HT7144-1 HT7150-1	7130-1 7133-1 7136-1 7144-1 7150-1	<b>SOT89 (Bulk, T&amp;R)</b>  Front View  Bottom View GND VIN VOUT	3.0V±5% 3.3V±5% 3.6V±5% 4.4V±5% 5.0V±5%	HT7130 HT7133 HT7136 HT7144 HT7150	HT7130 HT7133 HT7136 HT7144 HT7150
<b>SOT25 (T&amp;R only)</b>  Top View  Bottom View GND VIN VOUT	3.0V±3% 3.3V±3% 3.6V±3% 4.4V±3% 5.0V±3%	HT7130-1 HT7133-1 HT7136-1 HT7144-1 HT7150-1	1301 1331 1361 1441 1501				

Note: For HT71XX-1, SOT89 and SOT25 are shipped in Tape & Reel only.

**General Information**

This EOL notification announces the cessation of manufacture of the devices mentioned herein. The process of product discontinuation will be implemented in accordance with Holtek's product EOL procedure. The device EOL information is supplied prior to cessation of manufacture to enable related customers to make the necessary adjustments to their present and future purchasing plans. Users of these devices should review this material carefully and ensure that final purchases are made within the schedule as defined in the following terms and conditions.

**Last purchase date**

This is the final date at which orders will be accepted for deliveries of the mentioned devices. After this date Holtek cannot enter into negotiations regarding the purchase of these phased out devices.

**Production stops**

After this specified date no more devices will be manufactured and last deliveries made. At this point the device can be said to have reached their end of life status.

**Suggested replacement device**

The alternative devices are the recommended replacement devices for the phased-out devices. The suggested devices should functionally replace the original device however this is offered as reference information only. Holtek offers no guarantee that the suggested replacement device will have exactly the same form, function or specification of the phased-out device.

**Device pricing**

The subject of pricing for the specified devices under notice of phase-out is one that must be discussed with the Holtek Sales Department. Quotations for devices will depend on several factors and can only be given upon individual requests.

**Limited Warranty**

All devices under notice of phase-out shall be subject to the Holtek Standard Limited Warranty.

**Phased-out device future manufacture**

Holtek reserves the right to re-introduce at any time in the future the manufacture of devices that may have gone through the full phase-out procedure. All new re-introductions of previously phased-out devices will be announced on the Holtek website.

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