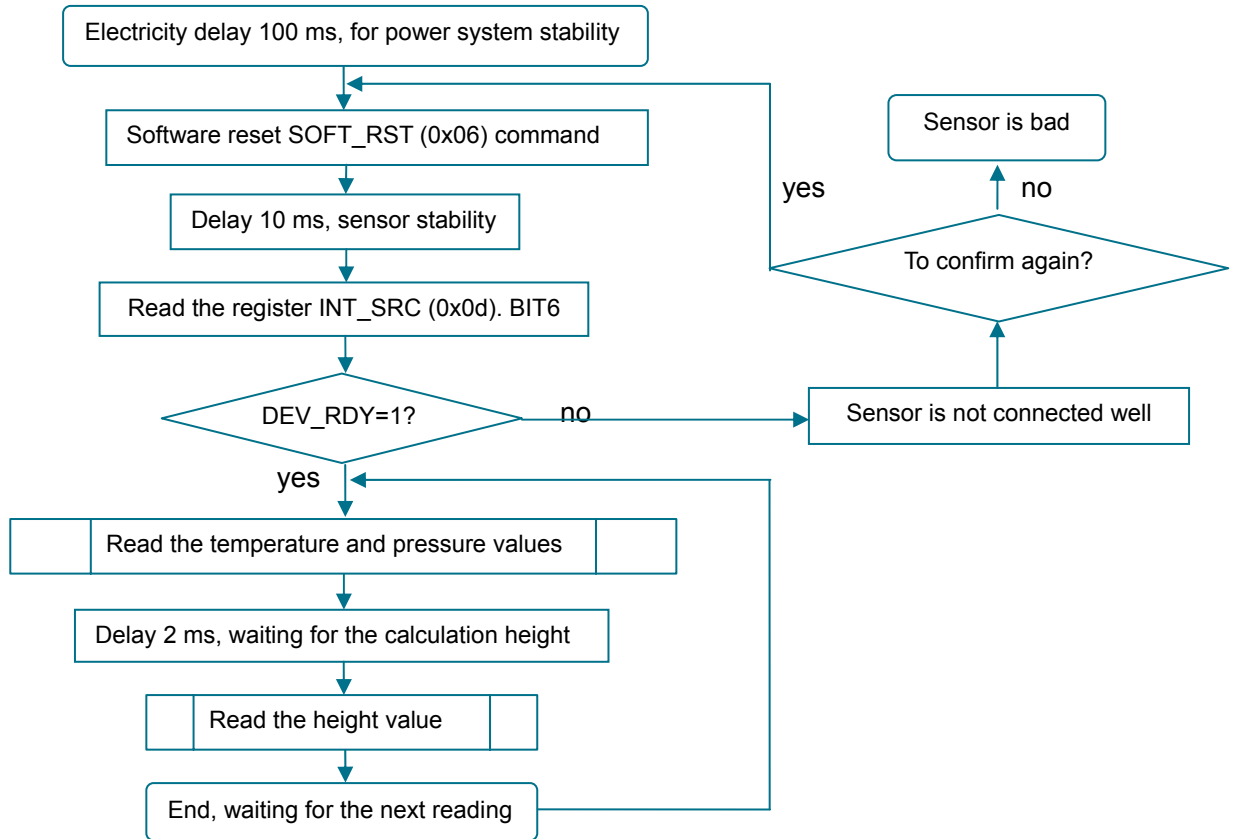
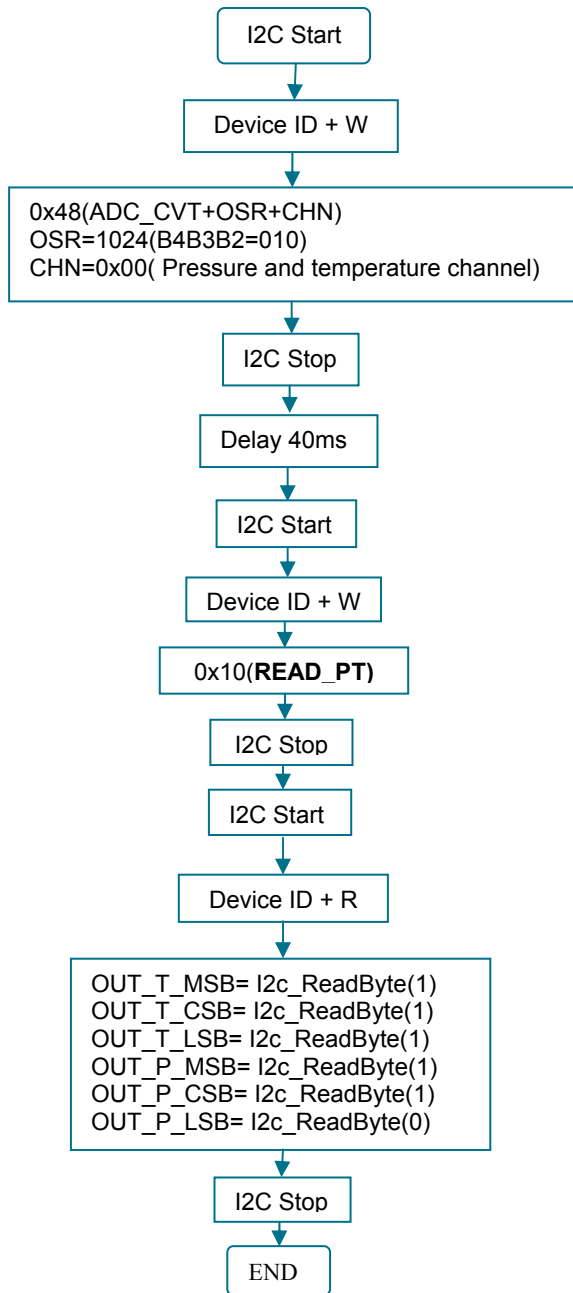


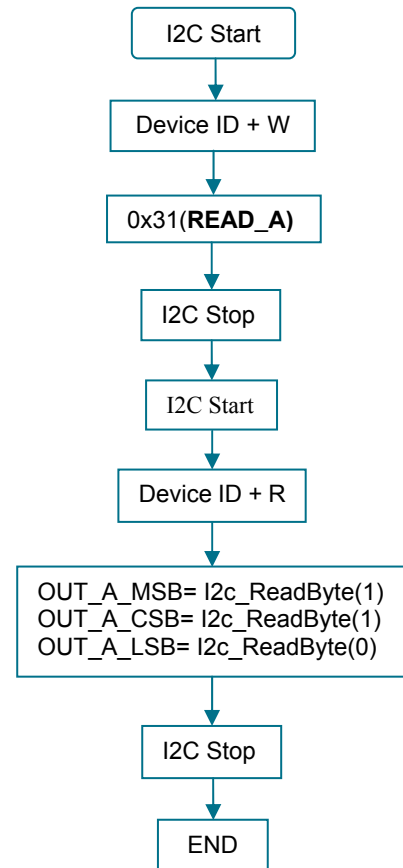
Flow Chart



Read the temperature and pressure values



Read the height value



Notes: **HP206C**

Device ID: 0xEC(write) and 0xED(read).

Soldering note of HP206C sensor:

1. The products can be soldered in 40 seconds under 250°C. In order to avoid damage to the sensor, soldering temperature is as low as possible and heating time is as short as possible; Recommend use the low temperature solders.
2. The HP206C require stabilization for 5 to 7 days to recover after SMT soldering due to the sensor pressure stabilization will be effected by the heat, assembly stress.
3. The manual solder cannot ensure uniformity for the time, temperature, heating. These factors will degrade or damage the sensor.
4. The electrical contact pads are protected against ESD up to 2 kV HBM (human body model). It is therefore essential to ground machines and personnel properly during assembly and handling of the device.

HOPE MICROELECTRONICS CO.,LTD

Add: 2/F, Building 3, Pingshan Private
Enterprise Science and Technology Park,
Lishan Road, XiLi Town, Nanshan District,
Shenzhen, Guangdong, China

Tel: +86 755 82973805

Fax: +86 755 82973550

Email: sales@hoperf.com

Website: <http://www.hoperf.com>

<http://www.hoperf.cn>

This document may contain preliminary information and is subject to change by Hope Microelectronics without notice. Hope Microelectronics assumes no responsibility or liability for any use of the information contained herein. Nothing in this document shall operate as an express or implied license or indemnity under the intellectual property rights of Hope Microelectronics or third parties. The products described in this document are not intended for use in implantation or other direct life support applications where malfunction may result in the direct physical harm or injury to persons. NO WARRANTIES OF ANY KIND, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MECHANICALITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE OFFERED IN THIS DOCUMENT.

©2013, HOPE MICROELECTRONICS CO.,LTD. All rights reserved.

Rev: HP206C_Product Development Guide_V2.0