

Customer Product / Process Change Note (PCN):
Change to CCS801 datasheet electrical characteristics

Change ref. No.:	01-2017	Products affected:	CCS801B
		Datecode affected:	All
Type of change			
<input type="checkbox"/> Material <input checked="" type="checkbox"/> Product <input type="checkbox"/> Process <input type="checkbox"/> Equipment <input type="checkbox"/> Specifications <input type="checkbox"/> Other			
Change Justification and Description			
<p>Please be informed that ams is issuing a new revision of the datasheet for CCS801B product, with the following changes:</p> <ol style="list-style-type: none"> Electrical Characteristics – The sensor resistance in Clean Air (Ra) range has changed from 200kΩ - 1.4MΩ to 10kΩ - 1.6MΩ Sensor Performance – CCS801 performance in terms of resistance levels and sensitivities will change during early life use. The change in resistance is greatest over the first 48hrs of operation. ams advises customers to run CCS801 at V_H for 48 hours of operation to ensure sensor performance is stable <p>The resistance and burn-in specification changes have been made to align with other products in the CCS8xx range.</p> <p>The resistance change may impact the function and performance of customer hardware, and therefore needs to be considered during product development.</p>			
Supporting Data			
<p>No change to CCS801B materials or process flow has occurred.</p> <p>There is no change in terms of form, fit or reliability of the product and no qualification report is required for this change.</p> <p>However, resistance specification alignment may require customer consideration of circuit hardware.</p>			
Identification of changed product			
CCS801B			
Change Classification			
<input type="checkbox"/> Minor		<input checked="" type="checkbox"/> Major	
Change Implementation Date:	11 th January 2016		
Customer Feedback			
<p>Please acknowledge receipt of this change note by replying to sales-europe@ams.com, cs-americas@ams.com, or sales-asia@ams.com</p> <p>ams sensors UK is notifying you of this datasheet change. If you have any further questions, please contact sales-europe@ams.com, cs-americas@ams.com, or sales-asia@ams.com.</p> <p>Please forward any further queries regarding this change to sales-europe@ams.com, cs-americas@ams.com, or sales-asia@ams.com keeping your account manager in copy.</p>			

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