

SciSense Product Change Notification (PCN)			
<b>Originator:</b>	Norbert Breyer - Product Manager	<b>PCN No:</b>	SC-001623-CN
<b>Product(s) affected:</b>	PCAP04 in all variants 502040014, 502040029, 502040013, 502040021, 502040015 502040028		
<b>Change date:</b>	Q4 2022 / Q1 2023 floating transition		
TYPE OF CHANGE			
<input type="checkbox"/> Material <input type="checkbox"/> Product <input type="checkbox"/> Process <input type="checkbox"/> Equipment <input checked="" type="checkbox"/> Specification <input checked="" type="checkbox"/> Other			
CLASSIFICATION OF CHANGE			
<input checked="" type="checkbox"/> MINOR		<input type="checkbox"/> MAJOR	
DESCRIPTION AND JUSTIFICATION OF PRODUCT CHANGE NOTE (PCN)			
<p>SciSense requests the approval to the new silicon revision of PCAP04. In the new revision V2 we have</p> <ul style="list-style-type: none"> <li>- Fixed the I2C bug. PCAP04 can now be used in multi-slave arrangements, without having it answering to any communication on the bus</li> <li>- Additional, optional ROM routine <code>_u0_tdc_dispatch__</code> for floating mode with compensation. This one lists all partial raw data available (like PC0 and PC1, not only the sum PC0+PC1)</li> <li>- Improved algorithm for internal compensation in floating mode</li> </ul> <p>A risk assessment on the re-work has been performed. SciSense assesses the re-work risk as low since all working functional blocks are not touched, only the I2C block is corrected and an optional ROM routine is added.</p>			
SUPPORTING DATA			
Draft datasheet version SC-001050-DS-3H			
IDENTIFICATION OF CHANGED PRODUCT			
The packaged version will show a V2. Material ID's will change			
	V1	V2	
PCAP04-AQFM-24	502040014	502040033	
PCAP04-ASWB	502040013	502040034	
PCAP04-BQFM-24	502040021	502040039	
PCAP04-BSWB-735	502040028	502040035	
PCAP04-ASWB-100	502040029	502040030	
PCAP04-BSWB-290	502040015	- EoL (no demand)	
CUSTOMER INFO & ACKNOWLEDGEMENT			
<p>Please acknowledge receipt of this CN by replying to <a href="mailto:customersupport@sciosense.com">customersupport@sciosense.com</a></p> <p>SciSense is notifying you of this minor change and no further action is necessary from you. <b>Please forward any queries regarding this CN to <a href="mailto:customersupport@sciosense.com">customersupport@sciosense.com</a> keeping your account manager in copy.</b></p> <p>Unless we receive your written refusal concerning this PCN within 30 days, this PCN will be deemed as accepted and SciSense will implement the change as indicated above.</p>			