

SciSense Change Notification (CN)														
Originator:	Norbert Breyer, Marketing	CN No:	CN-2020-005											
Product(s) affected:	TDC-GPX2 QFN64, 502050005													
Change date:	End Q2' 2021, samples available end Q1' 21													
TYPE OF CHANGE														
<input checked="" type="checkbox"/> Material <input type="checkbox"/> Product <input type="checkbox"/> Process <input type="checkbox"/> Equipment <input type="checkbox"/> Specification <input type="checkbox"/> Other														
DESCRIPTION AND JUSTIFICATION OF CHANGE NOTE (CN)														
- A new assembly line is selected to use standard lead frame material and therefore improve the standard lead time and reduce the risk of supply issues.														
Material to be changed	Before Change		After Change											
phy. Dimension A (over all height)	<table border="1"> <thead> <tr> <th>Min</th> <th>Nom</th> <th>Max</th> </tr> </thead> <tbody> <tr> <td>0,80</td> <td>0,85</td> <td>0,90</td> </tr> </tbody> </table>	Min	Nom	Max	0,80	0,85	0,90	<table border="1"> <thead> <tr> <th>Min</th> <th>Nom</th> <th>Max</th> </tr> </thead> <tbody> <tr> <td>0,80</td> <td>0,85</td> <td>0,90</td> </tr> </tbody> </table>	Min	Nom	Max	0,80	0,85	0,90
Min	Nom	Max												
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BOM														
Lead Frame Type:	Copper(Ag Ring) EFTEC		Cu-AG EFTEC64T											
Epoxy	8600		8200TI											
Bond Wire	0,8 mil AuPdCu		0,8 mil AuPdCu											
Mold Compound	G770HCD		G770HCD											
SUPPORTING DATA														
Package dimensions: Center pad side length E2 = 5.40mm (former 6.00mm)														
<p>The image contains three technical drawings of a QFN64 package:</p> <ul style="list-style-type: none"> <li><b>Top view:</b> Shows a square package with dimensions D (width) and E (height). A hatched area on the left is labeled 'Index area for Pin#1 I.D. marking'. Pin locations are numbered 1 through 64.</li> <li><b>Side view:</b> Shows the package profile with dimensions (A3) for the lead length, A1 for the lead thickness, and A for the package height.</li> <li><b>Bottom view:</b> Shows the lead frame with dimensions D2 (width), E2 (center pad side length), K (lead height), L (lead length), and b (pitch). Pin#1 I.D. is also indicated.</li> </ul>														

SYMBOL	Package Dimension					
	Millimeter			Inches		
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
A	0.80	0.85	0.90	0.031	0.033	0.035
A1	-	-	0.05	-	-	0.002
A3	0.20 REF			0.008 REF		
b	0.20	0.25	0.30	0.008	0.010	0.012
D	8.90	9.00	9.10	0.350	0.354	0.358
D2	5.30	5.40	5.50	0.209	0.213	0.217
E	8.90	9.00	9.10	0.350	0.354	0.358
E2	5.30	5.40	5.50	0.209	0.213	0.217
e	0.50 BSC			0.020 BSC		
K	1.41 REF			0.056 REF		
L	0.30	0.40	0.50	0.012	0.016	0.020

The marking will now come without ams Logo.



Line 1: Fixed text                      GPX2  
 Line 2: Assembly date code        Ex. DEC. 2020 = 12/20

**CUSTOMER INFO & ACKNOWLEDGEMENT**

Please acknowledge receipt of this CN by replying to [customersupport@sciosense.com](mailto:customersupport@sciosense.com)  
 ScioSense is notifying you of this minor change and no further action is necessary from you.

**Please forward any queries regarding this CN to [customersupport@sciosense.com](mailto:customersupport@sciosense.com) keeping your account manager in copy.**