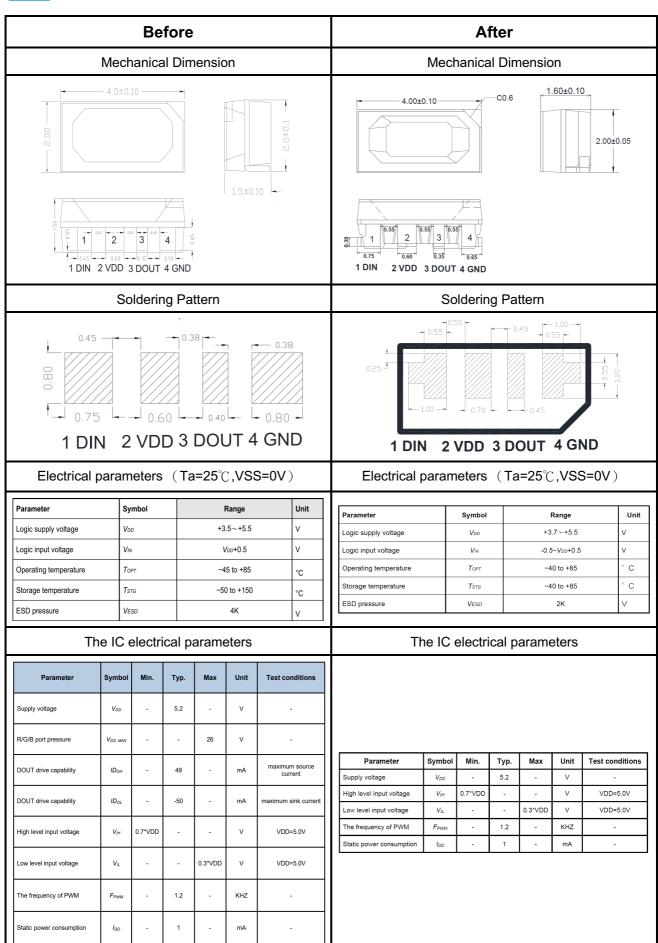


PRODUCT / PROCESS CHANGE NOTIFICATION PCN NO: PCN IN 210325-01

PON NO. 1	P G N IN 2 10323-0 1		
		Issue Date: A _l	pril 15 th , 202
SUBJECT O	F CHANGE:		
Change of IC	and Lead frame.		
PRODUCTS	AFFECTED:		
IN-PI42TAS(X)R(X)G(X)B		
·	, , , , ,		
PRODUCT S	PEC NUMBER:		
	IN-PI42TASPRPGPB	IN-PI42TASPRPGPB-7295]
	IN-PI42TAS5R5G5B	IN-PI42TASPRPGPB-7426	
	IN-PI42TASPRPGPB-7265	IN-PI42TASPRPGPB-7716	
REASON OF	CHANGE:		
KEAOON OI	OTANOL.		
Product enh	nancement for reliability and	light efficacy.	
DESCRIPTIO	ON OF CHANGE:		
	Major Change	☐ Minor Change	
Change the	IC and Lead-frame to enhan	see the product reliability an	ad liabt
Change the	ic and Lead-Traine to enhan	ice the product renability an	ia ligiti
efficacy.			







Switching characteristics Switching characteristics Parameter Тур. Test conditions he duty ratio of 67% (data 1) The speed of data transmission 800 KHZ T_{PLH} DOUT transmission delay 82 IOUT R / B= 5mA/13mA, out R / B port connected with 200 Ω resistor to VDD in series, load capacitance to ground IOUT G = 5mA/13mA, out G port is connected with 200 Ω resistor to VDD in series, and the load capacitance to ground is 30pf Min. Max Parameter Тур. Unit Test conditions Symbol Out R/B conversion time The speed of data transmission FDIN 800 KHZ T_t 75 **TPLH** 500 ns T_r 18 DOUT transmission delay DIN→DOUT ns TRPHL Out R/B conversion time T_f 110 ns Tr 100 VDS=1.5 IOUT Rise/Drop Time IOUT=13mA ns 100 TPHL DOUT The data transmission time The data transmission time Standard value Max Typ. value Unit Period 1.2 μs Т0Н 0 code, high level time 0.30 0.40 μs ТОН 0 code, high level time 0.2 0.32 0.4 μs 0.80 T0L 0 code, low level time μs μs TOL 0 code, low level time 0.8 μs T1H 1 code, high level time 0.62 0.64 1.0 T1H 1 code, high level time 0.70 μs T1L 1 code, low level time 0.2 T1L 1 code, low level time 0.20 μs >80 Trst μs Reset code, low level time Reset code, low level time Trst The typical application circuit The typical application circuit R1 DIN VDD VDD DIN VDD DIN DOUT R2 DOUT GND



PRODUCT IDENTIFICATION TO INDICATE CHANGE:

Dimension: Refer to the drawing.

Specification: No Change

Material: IC & Lead-frame change Datasheet: Update to new version

Please note this is IC and Lead-frame change PCN due to product reliability and efficacy enhancement. Replacement material will have the same optical and electrical specification. All reliability specifications remain the same.

DATE OF LAST TIME BUY OF ORIGINAL VERSION:

May 31st, 2021

DATECODE OF CHANGE:

June 1st, 2021

DATE TO BEGIN SHIPPING:

June 1st, 2021

ASSESSMENT:

In case of any questions please contact us at:

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CUSTOMER FEEDBACK FORM to INOLUX PCN

Inolux Corporation Change of IC and Lead-frame In Package

Dear Customer, Your feedback is very much appreciated and will help us to realize this change without problems. Thank you for your help. Please tick and comment. We agree with this change and the schedule. □ We have the following objections: In addition, we need the following information: □ We need samples. Type: Quantity: Special requirement: Purpose of sample order: Please feedback to: Inolux Corporation Customer Representative's name: FAX No.: +1-408-8449618 Phone: +1-408-8843871 Name: Mr. William Chang Address: 3350 Scott Blvd.

Expiration: 15 years V 1.0 F-008 Rev.1.0

Date/Customer Representative's

Signature