Standardized Information Note (IN)

1. Information Note basic data	
1.1 Company	TAIWAN SEMICONDUCTOR
1.2 Information Note No.	IN18012
1.3 Title of IN	Revision of Marking code for ESxLW Series
1.4 Issue date	2018/10/11

2. Contact		
2.1 Contact supplier		
2.1.1 Name	Sunnie Lin	
2.1.2 Phone	+886-2-8913-1588 Ext:2205	
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2.2 Team supplier (optional)		
2.2.1 Name (optional)	2.2.2 Phone (optional)	2.2.3 Email (optional)
Danny Lin	+886-2-8913-1588 Ext:2133	danny_lin@mail.ts.com.tw

3. Description	Old	New
Description #1	Marking cod : EDLW, EGLW , EJLW **ABSOLUTE MAXIMUM RATINGS** (T_A = 25°C unless otherwise noted) PARAMETER / SYMBOL / ESDLW / ESGLW / ESJLW / UNIT Marking code on the device / / EDLW / EGLW / EJLW /	Marking code : ESDLW, ESGLW , ESJLW **ABSOLUTE MAXIMUM RATINGS** (T_A = 25°C unless otherwise noted) PARAMETER / SYMBOL / ESDLW / ESGLW / ESJLW / UNIT Marking code on the device / / ESDLW / ESGLW / ESJLW /
Description #2	Thermal resistance description : Limit **THERMAL PERFORMANCE** PARAMETER / SYMBOL / LIMIT / UNIT Junction-to-lead thermal resistance per diode / $R_{\theta JL}$ / 34 / °C/W Junction-to-ambient thermal resistance per diode / $R_{\theta JA}$ / 88 / °C/W Junction-to-case thermal resistance per diode / $R_{\theta JC}$ / 35 / °C/W **Thermal Performance Note:** Units mounted on recommended PCB (5mm x 5mm Cu pad test board)	Thermal resistance description : TYP. **THERMAL PERFORMANCE** PARAMETER / SYMBOL / TYP. / UNIT Junction-to-lead thermal resistance per diode / $R_{\theta JL}$ / 34 / °C/W Junction-to-ambient thermal resistance per diode / $R_{\theta JA}$ / 88 / °C/W Junction-to-case thermal resistance per diode / $R_{\theta JC}$ / 35 / °C/W **Thermal Performance Note:** Units mounted on recommended PCB (5mm x 5mm Cu pad test board)
Description #3		
Description #4		
Description #5		

4. Reason / motivation	
4.1 Motivation	THERMAL PERFORMANCE description LIMIT to TYP. Marking code repeat with ES1XLW series.
4.2 Additional explanation (optional)	

5. Marking of parts / traceability	
5.1 Description	Use date code to control

6. Timing / schedule		
6.1 Intended start of delivery	2018/10/11	

7. Attachments (e.g. additional documentation, pictures, part list….)

Refer to the official e-mail announcement for the applicable documents.

8. Affected parts

8.1 Current						8.2 New (if applicable)			
8.1.1 Customer Part No.	8.1.2 Supplier Part Name	8.1.3 Supplier Part No. (optional)	8.1.4 Package Name	8.1.5 Part Description (optional)	8.1.6 Additional Part Information (optional)	8.2.2 Supplier Part Name	8.2.3 Supplier Part No. (optional)	8.2.4 Package Name	8.2.6 Additional Part Information (optional)

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