

Power MOSFETs

Marking Specification

Introduction












This document explains the Marking Specification of Renesas Power MOSFETs.

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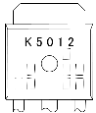
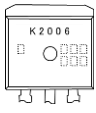
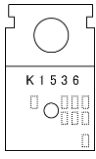
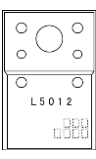
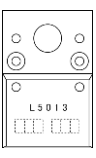
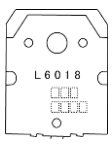
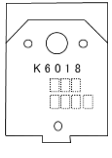
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1. Package line-up with the marking specification

1.1 Surface mount device

Standard Package	Renesas Package	Mark Array Note1	Content Note2	Example
SON-8 3x3 SON-8 3x3 SON-8 5x6	μSO8-FL HWSON-8 HSON	1234567 89 YMW LLL	Product name Date code Trace code	
SON-8 5x6	SO8-FL	1234567 8 YWW LLL	Product name Date code Trace code	
SON-8 5x6 LFPAK56	WPAK LFPAK	1234567 YMW LLL	Product name Date code Trace code	
SOP-8	SOP-8	12345 6YMW FLLL	Product name Date code Factory + Trace code	
TO252	DPAK(S)	1234567 G Y MW F L LL	Product name Grade (May be omitted) Date code Factory + Trace code	
TO252	MP-3A	1234567 YM LL	Product name Date + Trace code	
TO252	MP-3ZK,ZP	1234567 89 YM F L LL	Product name Date code Factory + Trace code	
TO263	LDBAK(S)	1234567 Y MWF LLL	Product name Date + Factory code Trace code	
TO263 TO263-7	MP-25ZK,ZP MP-25ZT,ZU	1234567 89 YMF LLL	Product name Date + Factory code Trace code	
TOLL TOLG	TOLL TOLG	1234567 890 YMW LLL	Product name Date code Trace code	
TOLT	TOLT	1234567 890 YMW LLL	Product name Date + Trace code	

1.2 Through hole device

Standard Package	Renesas Package	Mark Array Note1	Content Note2	Example
TO251	DPAK(L)	1234567 G Y MW F L LL	Product name Grade (May be omitted) Date code Factory + Trace code	
TO262	LDBAK(L)	1234567 Y MWF LLL	Product name Date + Factory code Trace code	
TO220	TO220AB	1234567 Y MWF LLL G	Product name Date + Factory code Trace code Grade (May be omitted)	
TO220F	TO220FL	1234567 YMW LLLF	Product name Date code Trace + Factory code	
TO220F	TO220FPA	1234567 LLL YMW	Product name Trace + Date code	
TO3P	TO3P	1234567 YMW FLLL	Product name Date code Factory + Trace code	
TO3PF	TO3PFM	1234567 YMW FLLL	Product name Date code Factory + Trace code	

Note1: Marking may vary depending on the product.
Please refer to the delivery specifications

Note2: Date code: Y: Year, M: Month, W: Week

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(Rev.5.0-1 October 2020)

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