

# RENESAS TECHNICAL UPDATE

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Renesas Electronics Corporation

Product Category	MPU/MCU		Document No.	TN-RA*-A0144A/E	Rev.	1.00
Title	Addition of new package code for QFN 64 pin		Information Category	Technical Notification		
Applicable Product	RA6M1 Group	Lot No.	Reference Document	RA6M1 Group User's Manual Hardware Rev 1.20		
		All				

The following new package code (PWQN0064LB-A) for QFN 64 pin is added.

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**Table 1.14 Product list**

Product part number	Package code	Code flash	Data flash	SRAM	Operating temperature
R7FA6M1AD2CLJ	PTLG0100JA-A	512KB	8KB	256KB	-40 to +85°C
R7FA6M1AD3CLJ					-40 to +105°C
R7FA6M1AD3CFP	PLQP0100KB-B	512KB	8KB	256KB	-40 to +105°C
R7FA6M1AD3CFM	PLQP0064KB-C				-40 to +105°C
R7FA6M1AD3CNB	PWQN0064LA-A				-40 to +105°C

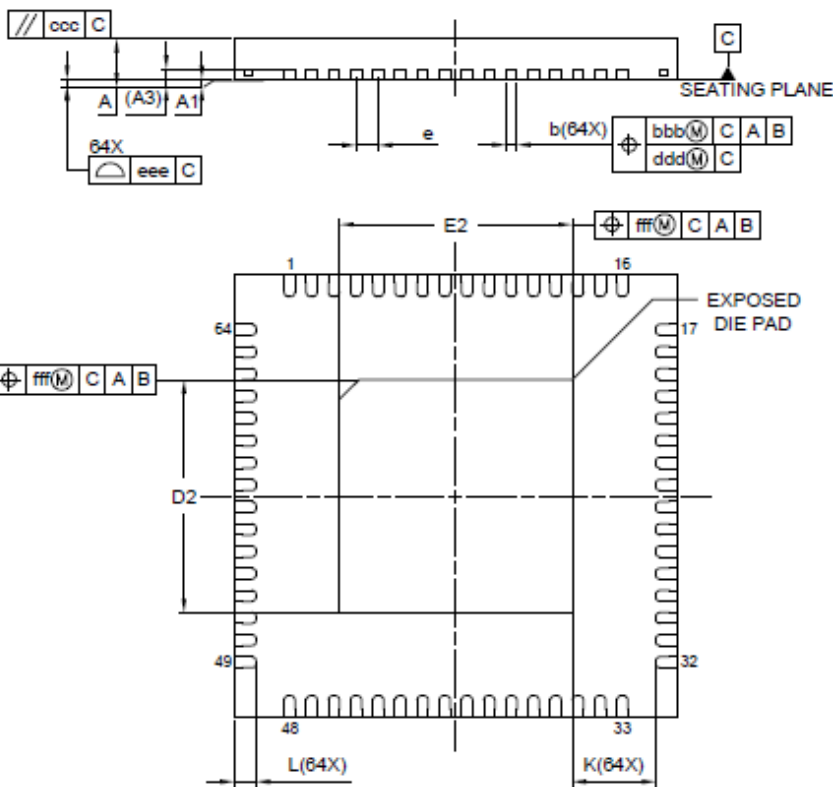
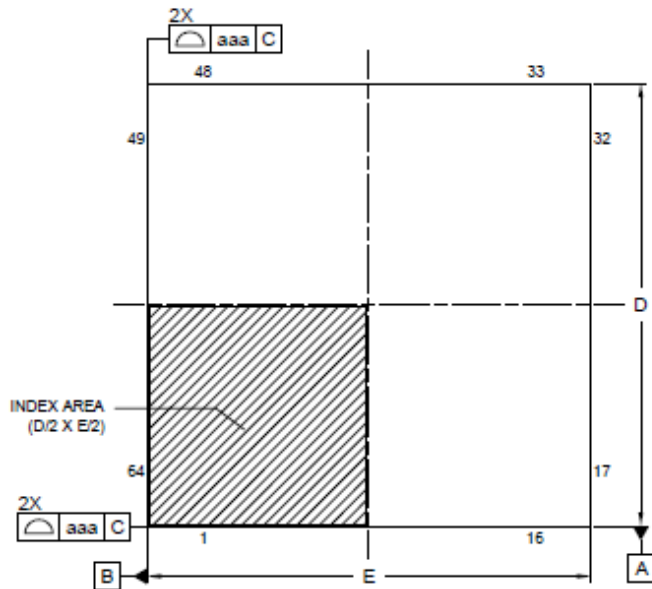
< Changed description >

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R7FA6M1AD3CFM	PLQP0064KB-C				-40 to +105°C
R7FA6M1AD3CNB	PWQN0064LA-A				-40 to +105°C
	PWQN0064LB-A				

Appendix

JEITA Package code	RENESAS code	MASS(TYP.)[g]
P-HWQFN064-8x8-0.40	PWQN0064LB-A	0.18



Reference Symbol	Dimension in Millimeters		
	Min.	Nom.	Max.
A	—	—	0.80
A <sub>1</sub>	0.00	0.02	0.05
A <sub>3</sub>	0.203 REF.		
b	0.15	0.20	0.25
D	8.00 BSC		
E	8.00 BSC		
e	0.40 BSC		
L	0.35	0.40	0.45
K	0.20	—	—
D <sub>2</sub>	4.15	4.20	4.25
E <sub>2</sub>	4.15	4.20	4.25
aaa	0.10		
bbb	0.07		
ccc	0.10		
ddd	0.05		
eee	0.08		
fff	0.10		