

RENESAS TECHNICAL UPDATE

1753, Shimonumabe, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8668 Japan
 Renesas Electronics Corporation

Product Category	ASSP(Power Supply)		Document No.	TN-LIN-A001A/E	Rev.	1.00
Title	Notice of IRAMP terminal resistance of R2A20114AFP,R2A20114FP,and R2A20104FP		Information Category	Technical Notification		
Applicable Product	CCM Interleaving PFC IC R2A20114AFP,R2A20114FP,R2A20104FP	Lot No.	Reference Document			
		ALL lot				

We'll inform the use matter of IRAMP terminal resistance to the customer who is using or is considering a product of a title account now.

Because the support tool of this IC "R2A20114A_Design Tool" is made by assuming the PFC power supply that the maximum output power is more than 4 kW, when IRAMP terminal resistance is calculated in the output power lower than 4kW, IRAMP terminal resistance might become a value of more than 47kΩ.

The value of IRAMP terminal resistance is primarily determined by the maximum output power, but less than 47kΩ of resistance value has to be selected for IRAMP terminal resistance to improve stability at a light load operation,.

When more than 47kΩ of resistance value is used already, I am sorry to trouble you, please let me know to our sales office.