

April 25, 2013

Overview of R2A25110KSP & R2A25112KSP

Part Name		R2A25110KSP	R2A25112KSP (Under Development)
Isolation Voltage		2500 VRMS, CMR > 35 kV/us	
IGBT Drive Capability	Gate Drive	1.0 Ω max	
	Active Miller Clamp	1.0 Ω max	
	Soft Turn-Off	0.5 A max	
Protection	Over-Current	CS: 2 ch	CS: 1 ch or DESAT: 1 ch
	Over-Temperature	2 ch	–
	IGBT Temp. Feedback	Available	–
	Other	Thermal shutdown/ Primary UVLO/ Secondary UVLO etc.	
FAULT Feedback		Adjustable hold time	
Operating Temperature		-40 to 125°C	
Package		38-pin SSOP	20-pin SSOP
Other		3.3 V/5 V interface, 5 V regulator	

Over-current detection CS: Current Sense / DESAT: monitoring collector to emitter voltage of IGBT device

(Remarks)

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