DC-DC Converter Short Form

MPDRX303S, MPDRX304S (Ultra High Speed Response POL)

Features

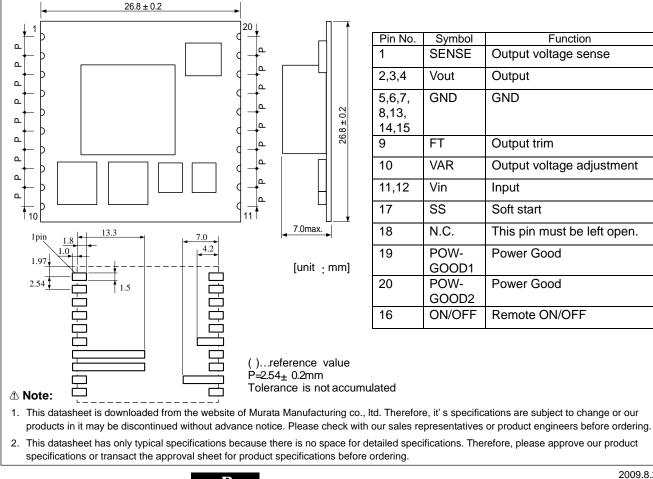
- Ultra High Speed Response •
- Wide Input range (6.2V to 13.2V),
- Wide output range (0.8V to 1.65V / 1.6 to 3.63V)
- 26A Output Current •
- Wide operational temperature (-40°C to +85°C) •
- ON/OFF / Output voltage sense / Over Current function / 2 P-good function / Variable Start-up Speed function (by external capacitor)



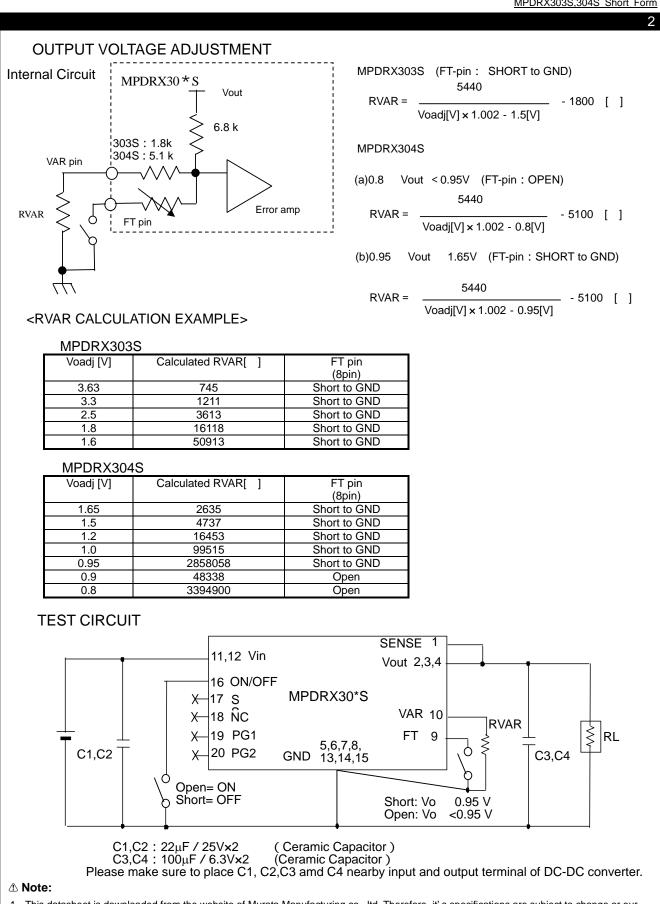
GENERAL SPECIFICATIONS (Ta=25°C)

Item	Symbol	Condition	MIN.	TYP.	MAX.	UNIT
Input Voltage	Vin		6.2	9.6	13.2	V
Output Voltage Adjustable Range	Vout	MPDRX304S	0.8	-	1.65	V
		MPDRX303S	1.6	-	3.63	
Output Current	lout		0	-	13	Α
Ripple Voltage	Vrpl	Vin=9.6V, Vout=1.2V, Iout=26A	-	15	-	mVpp
		Vin=9.6V, Vout=3.3V, Iout=26A		20		
Efficiency	EFF	Vin=9.6V, Vout=1.2V, Iout=26A	-	84	-	%
		Vin=9.6V, Vout=3.3V, Iout=26A	-	90	-	

DIMENSIONS

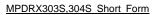


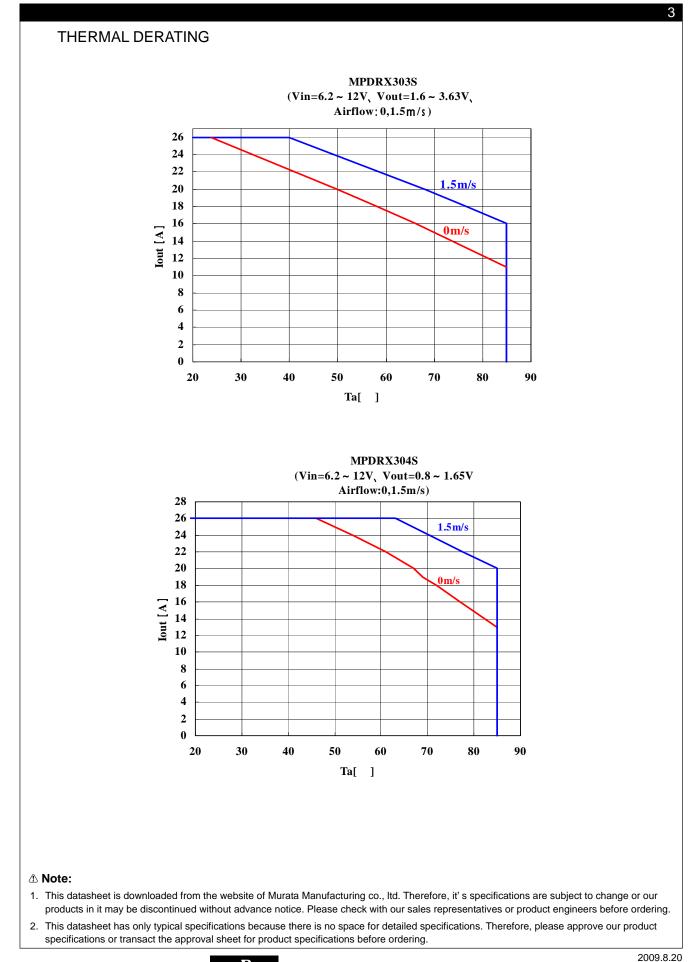
muRata Murata Manufacturing Co., Ltd. http://www.murata.com/



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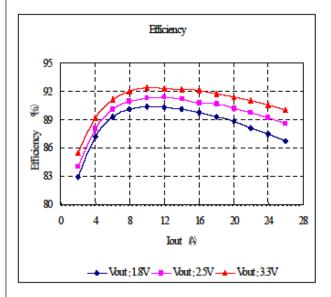
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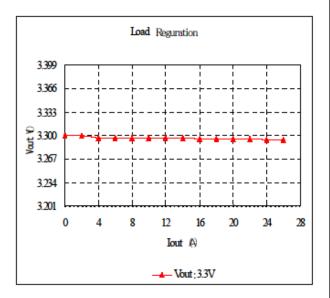




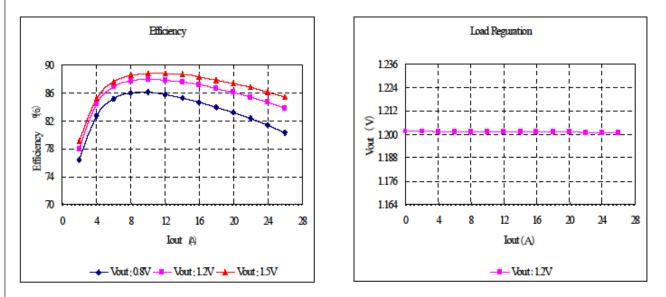
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EFFICIENCY & REGURATION CHARACTERISTICS MPDRX303S





MPDRX304S



△ Note:

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