

Parameter	Symbol	Condition		Min.	Typ.	Max.	Unit
Ripple Voltage	Vrpl	Vin=3.7V Io=1000mA W=20MHz	LXDC3EP10A-176	-	15	-	mV _(p-p)
			LXDC3EP12A-104				
			LXDC3EP15A-105				
			LXDC3EP18A-106				
		Vin=3.7V Io=1000mA W=20MHz	LXDC3EP25A-109	-	20	-	
Vin=5.0V Io=1000mA W=20MHz	LXDC3EP33A-107	-	20	-			
Efficiency	EFF	Vin=3.7V Io=300mA	LXDC3EP10A-176	82	86	-	%
			LXDC3EP12A-104	84	88	-	
			LXDC3EP15A-105	86	90	-	
			LXDC3EP18A-106	88	92	-	
			LXDC3EP25A-109	90	94	-	
		Vin=5.0V Io=300mA	LXDC3EP33A-107	90	94	-	
Enable Voltage	ENon		1.2	-	-	V	
	ENoff		-	-	0.4		
MODE Voltage	MODE-H		1.2	-	-	V	
	MODE-L		-	-	0.4		
Frequency	Freq		-	4	-	MHz	
Over Current Protection	OCP		1000	1200	1700	mA	
Start -up Time	Ton		-	170	-	usec	

4-3 Output Current Derating

This product is used by the following temperature derating.

