



# LT83401/2 Data Sheet Specification Change

# Data Sheet Specification Comparison

## Rev 0

( $T_J = -40^{\circ}\text{C}$  to  $+150^{\circ}\text{C}$ , unless otherwise noted. Typical values are at  $T_A = +25^{\circ}\text{C}$ . All voltages are referenced to GND, unless otherwise noted.)

PARAMETER	SYMBOL	CONDITIONS/COMMENTS	MIN	TYP	MAX	UNITS
PGFB Lower Threshold Hysteresis	$V_{PGL\_HYS}$			10		mV
PGFB Lower Threshold (Start-Up Only)	$V_{PGL\_STARTUP}$	$V_{PGFB}$ rising	480	487.5	495	mV
PGFB Pin Current	$I_{PGFB}$	$V_{IN} = 12\text{V}$ , $V_{EN/UVLO} = 2\text{V}$ , $V_{PGFB} = 0.5\text{V}$		13		nA
Power Good (PG) Leakage	$I_{PG\_LKG}$	$V_{PG} = 3.3\text{V}$ , $T_A = +25^{\circ}\text{C}$	-40		+40	nA

PARAMETER	SYMBOL	CONDITIONS/COMMENTS	MIN	TYP	MAX	UNITS
Minimum Off-Time	$t_{OFF(MIN)}$	$I_{LOAD} = 0.5\text{A}$ , LT83401 $I_{LOAD} = 1\text{A}$ , LT83402		80	100	ns

## Rev 1

( $T_J = -40^{\circ}\text{C}$  to  $+150^{\circ}\text{C}$ , unless otherwise noted. Typical values are at  $T_A = +25^{\circ}\text{C}$ . All voltages are referenced to GND, unless otherwise noted.)

PARAMETER	SYMBOL	CONDITIONS/COMMENTS	MIN	TYP	MAX	UNITS
PGFB Lower Threshold Hysteresis	$V_{PGL\_HYS}$			10		mV
PGFB Lower Threshold (Start-Up Only)	$V_{PGL\_STARTUP}$	$V_{PGFB}$ rising	479	487	495	mV
PGFB Pin Current	$I_{PGFB}$	$V_{IN} = 12\text{V}$ , $V_{EN/UVLO} = 2\text{V}$ , $V_{PGFB} = 0.5\text{V}$		13		nA
Power Good (PG) Leakage	$I_{PG\_LKG}$	$V_{PG} = 3.3\text{V}$ , $T_A = +25^{\circ}\text{C}$	-40		+40	nA

PARAMETER	SYMBOL	CONDITIONS/COMMENTS	MIN	TYP	MAX	UNITS
Minimum Off-Time	$t_{OFF(MIN)}$	$I_{LOAD} = 0.5\text{A}$ , LT83401 $I_{LOAD} = 1\text{A}$ , LT83402		80	105	ns