Supplemental Information

This Document Errata reflects changes made on the datasheet for device 854S006I.

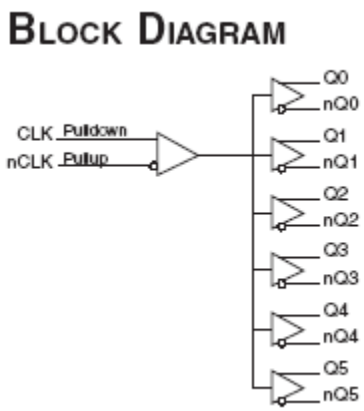
Revision History

January 27, 2010: First version of documentation errata for this device. There is no change to the actual characteristics or design of the device. This is only a change to the datasheet to correct a datasheet error.

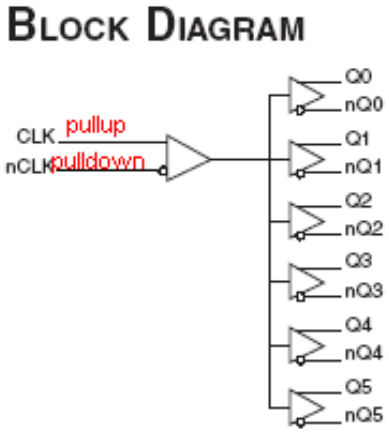
Errata Items

PAGE	DESCRIPTION OF CHANGE
Page 1	**Block Diagram**. Update Pullup and Pulldown of CLK and nCLK on the block diagram

FROM



TO



Page 2	**Table 1. Pin Descriptions** Update the Pullup and Pulldown on CLK and nCLK under column type in Table 1. (Illustrated in Page 2)
Page 3	**Table 4C. Differential DC Characteristics** Update the spec for input leakage current to reflect correct Pullup and Pulldown pins and Sage process. (Illustrated in Page 2)

FROM

TABLE 1. PIN DESCRIPTIONS

Number	Name	Type		Description
1	nCLK	Input	Pullup	Inverting differential clock input.
2	CLK	Input	Pulldown	Non-inverting differential clock input.

TABLE 4C. DIFFERENTIAL DC CHARACTERISTICS, $V_{DD} = V_{DDO}$ = 3.3V±5% OR 2.5V±5%, TA = -40°C TO 85°C

Symbol	Parameter		Test Conditions	Minimum	Typical	Maximum	Units
I_{IH}	Input High Current	CLK	$V_{DD} = V_{IN}$ = 3.465V or 2.625V			150	µA
		nCLK	V_{DD} = 3.465V or 2.625V, V_{IN} = 0V			5	µA
I_{IL}	Input Low Current	CLK	$V_{DD} = V_{IN}$ = 3.465V or 2.625V	-5			µA
		nCLK	V_{DD} = 3.465V or 2.625V, V_{IN} = 0V	-150			µA

TO:

TABLE 1. PIN DESCRIPTIONS

Number	Name	Type		Description
1	nCLK	Input	pulldown	Inverting differential clock input.
2	CLK	Input	pullup	Non-inverting differential clock input.

TABLE 4C. DIFFERENTIAL DC CHARACTERISTICS, $V_{DD} = V_{DDO}$ = 3.3V±5% OR 2.5V±5%, TA = -40°C TO 85°C

Symbol	Parameter		Test Conditions	Minimum	Typical	Maximum	Units
I_{IH}	Input High Current	nCLK	$V_{DD} = V_{IN}$ = 3.465V or 2.625V			150	µA
		CLK	V_{DD} = 3.465V or 2.625V, V_{IN} = 0V			10	µA
I_{IL}	Input Low Current	nCLK	$V_{DD} = V_{IN}$ = 3.465V or 2.625V	-10			µA
		CLK	V_{DD} = 3.465V or 2.625V, V_{IN} = 0V	-150			µA