ICL7673CBAZA

Back-Up Management 38mA -0.3V to 18V 8-Pin SOIC N Tube

Manufacturers	Renesas Technology Corp
Package/Case	SOIC-8N
Product Type	Power Management ICs
RoHS	Rohs
Lifecycle	

Images are for reference only

Please submit RFQ for ICL7673CBAZA or Email to us: sales@ovaga.com We will contact you in 12 hours.

RFQ

General Description

The Intersil ICL7673 is a monolithic CMOS battery backup circuit that offers unique performance advantages over conventional means of switching to a backup supply. The ICL7673 is intended as a low-cost solution for the switching of systems between two power supplies; main and battery backup. The main application is keep-alive-battery power switching for use in volatile CMOS RAM memory systems and real time clocks. In many applications this circuit will represent a low insertion voltage loss between the supplies and load. This circuit features low current consumption, wide operating voltage range, and exceptionally low leakage between inputs. Logic outputs are provided that can be used to indicate which supply is connected and can also be used to increase the power switching capability of the circuit by driving external PNP transistors.

Features

Automatically Connects Output to the Greater of Either Input Supply Voltage

If Main Power to External Equipment is Lost, Circuit Will Automatically Connect Battery Backup

Reconnects Main Power When Restored

Logic Indicator Signaling Status of Main Power

Low Impedance Connection Switches

Low Internal Power Consumption

Wide Supply Range: 2.5V to 15V

Low Leakage Between Inputs

External Transistors May Be Added if Very Large Currents Need to Be Switched

Pb-Free Plus Anneal Available (RoHS Compliant)

Related Products

ICL7660SIPAZ

Renesas Technology Corp

PDIP-8

ICL7660AIBAZA

Renesas Technology Corp

SOIC-8

ICL7667CPA

Renesas Technology Corp

PDIP-8

ICL7665SAIBAZA-T

Renesas Technology Corp

SOIC-8

ICL7667CPAZ

Renesas Technology Corp

PDIP-8

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SOP-8

ICL7660SIBA

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SOIC-8