

Voltage Supervisor Selection Guide

Dual Voltage Supervisor : Use MIC2772

Battery System Supervisor: Use MIC2755

Voltage Supervisor with Adjustable Hysterises: MIC2778 and MIC2779

Voltage Comparators: MIC842, MIC845

Voltage Comparator with Adjustable Hysterises: MIC841

Voltage Supervisor Selector Table

Use the table below to select a voltage supervisor that would meet the customers requirements.

Mon-VDD :All voltage supervisors use VDD pin for internal power. The parts listed under Mon-VDD also monitor the voltage

Mon-Vin: Monitor Vin voltage

Mon-MR: Manual Reset input pin is available

Mon-WD: Watch Dog Input pin is available

Mon-PFI: Monitors Power Fail Input Pin

Output: Output type is either push pull (PP) or open drain (OD)

Reset: Reset output pin is available

/Reset: /Reset output pin is available

Part	Mon-Vdd	Mon-Vin	Mon-MR	Mon-WD	Mon-PFI	Mon-Vdd-Thresh	Mon-Vin-Thresh	Output	Reset	/Reset	Package; Pins
1815	Yes					2.55V, 2.88V		PP		Yes	SOP; 3
809	Yes					2.63V, 2.93V, 3.08V, 4V, 4.38V, 4.63V		PP		Yes	SOT-23, SC70; 3
810	Yes					2.63V, 2.93V, 3.08V, 4V, 4.38V, 4.63V		PP	Yes		SOT-23, SC70; 3
809-5	Yes					2.93V		PP		Yes	SOT-23, SC70; 3
1810	Yes					4.12V, 4.37V, 4.62V		PP		Yes	SOT-23; 3
2775	Yes		Yes			1.69V, 2.25V, 2.34V, 2.53V, 2.67V, 2.81V, 2.93V, 3.09V, 4.43V, 4.68V		PP	Yes	Yes	SOT-23; 5

6315	Yes		Yes			2.63V, 2.93V, 3V, 3.08V, 4.38V, 4.63V		OD		Yes	SOT-143; 4
811	Yes		Yes			2.63V, 2.93V, 3.08V, 4V, 4.38V, 4.63V		PP		Yes	SOT-143; 4
812	Yes		Yes			2.63V, 2.93V, 3.08V, 4V, 4.38V, 4.63V		PP	Yes		SOT-143; 4
8114	Yes		Yes			3.08V		PP		Yes	SOT-143; 4
8115	Yes		Yes			3.08V		PP		Yes	SOT-143; 4
708R	Yes		Yes		Yes	2.63V		PP	Yes	Yes	PDIP, SOIC; 8
708S	Yes		Yes		Yes	2.93V		PP	Yes	Yes	PDIP, SOIC; 8
708T	Yes		Yes		Yes	3.08V		PP	Yes	Yes	PDIP, SOIC; 8
708	Yes		Yes		Yes	4.37V		PP	Yes	Yes	PDIP, SOIC; 8
707	Yes		Yes		Yes	4.62V		PP	Yes	Yes	PDIP, SOIC; 8
1832	Yes		Yes	Yes		2.55V, 2.88V		PP	Yes	Yes	PDIP, SOP; 8
1232	Yes		Yes	Yes		4.37V, 4.62V		PP	Yes	Yes	PDIP, SOIC; 8

706P	Yes		Yes	Yes	Yes	2.63V		PP	Yes		PDIP, SOIC; 8
706R	Yes		Yes	Yes	Yes	2.63V		PP		Yes	PDIP, SOIC; 8
706S	Yes		Yes	Yes	Yes	2.93V		PP		Yes	PDIP, SOIC; 8
706T	Yes		Yes	Yes	Yes	3.08V		PP		Yes	PDIP, SOIC; 8
706	Yes		Yes	Yes	Yes	4.37V		PP		Yes	PDIP, SOIC; 8
705	Yes		Yes	Yes	Yes	4.62V		PP		Yes	PDIP, SOIC; 8
2777	Yes	Yes				1.69V, 2.25V, 2.34V, 2.53V, 2.67V, 2.81V, 2.93V, 3.09V, 4.43V, 4.68V	Program. Thresh min=0.3V	PP	Yes	Yes	SOT-23; 5
2774H	Yes	Yes	Yes			1.69V, 2.25V, 2.34V, 2.53V, 2.67V, 2.81V, 2.93V, 3.09V, 4.43V, 4.68V	Program Thresh min=0.3V	PP	Yes		SOT-23; 5

2774L	Yes	Yes	Yes			1.69V, 2.25V, 2.34V, 2.53V, 2.67V, 2.81V, 2.93V, 3.09V, 4.43V, 4.68V	Program Thresh min=0.3V	PP		Yes	SOT-23; 5
2774N	Yes	Yes	Yes			1.69V, 2.25V, 2.34V, 2.53V, 2.67V, 2.81V, 2.93V, 3.09V, 4.43V, 4.68V	Program Thresh min=0.3V	OD		Yes	SOT-23; 5
2776H		Yes	Yes				Program Thresh min=0.3V	PP	Yes		SOT-23; 5
2776L		Yes	Yes				Program Thresh min=0.3V	PP		Yes	SOT-23; 5
2776N		Yes	Yes				Program Thresh min=0.3V	OD		Yes	SOT-23; 5

842H		Yes					Program. Thresh min=1.24 V	PP	Yes		SC70; 5
842L		Yes					Program. Thresh min=1.24 V	PP		Yes	SC70; 5
842N		Yes					Program. Thresh min=1.24 V	OD		Yes	SC70; 5
845H		Yes					Program. Thresh min=2.55 V	PP	Yes		SC70; 5
845L		Yes					Program. Thresh min=2.55 V	PP		Yes	SC70; 5
845N		Yes					Program. Thresh min=2.55 V	OD		Yes	SC70; 5

on this pin.