

**Item # SHM-50MM, Sample and Hold Amplifiers**

List Price

**Sample and Hold Amplifiers**

40nS Acquisition Time, 0.01% Accuracy, Miniature, High Speed Sample-Hold (S/H) Amplifier, -55°C to +125°C temperature range

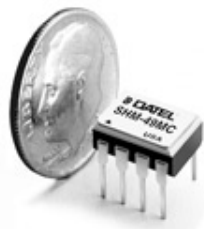


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**SPECIFICATIONS**

|                             |                            |
|-----------------------------|----------------------------|
| Resolution                  | 16 bits                    |
| Number of Channels          | 1                          |
| Acquisition Time            | 40 ns                      |
| Power Consumption           | 0.135 W                    |
| Package Type                | DIP                        |
| Input Range 1st (min)       | -3.5 V                     |
| Input Range 1st (max)       | 3.5 V                      |
| Required Supply Voltage 1st | 5 V                        |
| Required Supply Voltage 2nd | -5 V                       |
| Analog Bandwidth            | 100 MHz                    |
| Operating Temp. Range (min) | -55 °C                     |
| Operating Temp. Range (max) | 125 °C                     |
| RoHS                        | No                         |
| Status                      | Recommended for new design |