

SS94A1H

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SS94 Series high sensitivity ratiometric linear sensor, Vdc supply voltage

Actual product
appearance may vary.

Product Specifications

Product Type	Hall-Effect Linear Position Sensor IC
Package Type	Ceramic w ith Solder Bumps
Supply Voltage	6.6 Vdc to 12.6 Vdc
Output Type	Sink/Source
Termination Type	Solder Bump
Magnetic Actuation Type	Ratiometric linear
Operating Temperature	-40 °C to 125 °C [-40 °F to 257 °F]
Output Voltage	4.0 Vdc ± 0.04 Vdc @ 8 Vdc
Linearity (% of Span)	-1.5% max.
Temperature Error	± 0.02% (Sensitivity)
Availability	Global
Supply Current	30 mA
Output Current (max.)	1 mA
Sensitivity	5.0 mV ±0.1 mV/G
Response Time	3 µs typ.
Series Name	SS94
Magnetic Range	-50 mT to 50 mT [-500 G to 500 G] min.
Output Voltage Span	5.0 Vdc @ 8 Vdc