
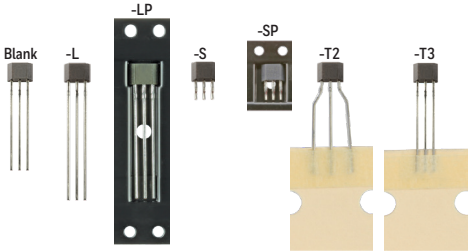
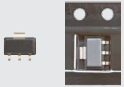

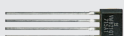


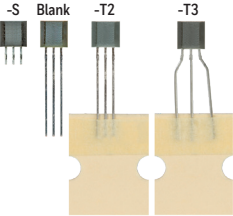


Magnetic Sensor IC Product Line Card

Package Style ^{1,2}	Digital								Linear and Angle	
	Speed and Direction	Magnetic Actuation Type							Linear (Ratio-metric)	Angle
		Ring Magnet Target	Latching		Bipolar	Unipolar	Omnipolar			
High Sensitivity	Standard Sensitivity		High Sensitivity	Low Power			Standard Sensitivity			
SOT-23 (2,90 mm x 2,80 mm x 1,40 mm) 	—	SS360ST SS360NT SS360PT VF360NT VF360ST	SS361RT SS361CT	SS30AT SS311PT	SS341RT SS343RT SS349RT SS345PT	SM351RT SM353RT	SM351LT SM353LT SL353HT SL353LT	SS351AT	SS39ET	—
Flat T0-92-style (4,06 mm x 3,0 mm x 1,57 mm) 	VF651B VF652B	SS460S SS460P VF460S	SS461R SS461C SS461A SS466A	SS40A SS41 SS411P SS411A SS413A SS41K6	SS441R SS443R SS449R SS445P SS441A SS443A	SM451R SM453R	—	SS451A	SS49E SS494B SS495A SS495A1 SS495A2 SS495B SS496A SS496A1 SS496B	—
SOT-89B (4,5 mm x 4,2 mm x 1,3 mm) 	VF526DT SS526GT	—	SS561AT SS566AT	SS50AT SS51T SS511AT SS513AT	SS541AT SS543AT SS549AT	SS552MT	—	SS551AT	SS59ET	—
2-Pin SIP (4,06 mm x 3,00 mm x 1,57 mm) 	VF401	—	—	—	—	—	—	—	—	—
4-Pin SIP (5,13 mm x 3,60 mm x 1,60 mm) 	VM821Q1	—	—	—	—	—	—	—	—	—
2-Pin SIP, Wide (5,13 mm x 3,60 mm x 1,60 mm) 	VM721V1 VM721D1	—	—	—	—	—	—	—	—	—
8-Pin SOIC (6,0 mm x 4,9 mm x 1,4 mm) 	—	—	—	—	—	—	—	—	—	APSO0B
U-Pack (4,52 mm x 4,52 mm x 1,57 mm) 	—	—	—	—	—	2SS52M	—	—	—	—

¹Measurements given do not include lead dimensions.

²Not all lead or packaging combinations are possible. Contact Honeywell Customer Service at 1-800-537-6945 for assistance.

Magnetic Sensor IC General Nomenclature*

Prefix	Package Style	Magnetic Type	Relative Operation or Gauss Level	Electrical/Magnetic Option	Special Feature	Packaging Option (for SS4XX, SM4XX, VF4XX)
SS = Solid state commercial SL = Solid state low power SM = Solid state AMR (anisotropic magnetoresistive) VF = Hall effect vehicle VG = Solid state vehicle gear tooth VM = AMR (anisotropic magnetoresistive) vehicle	3 = SOT-23 4 = Flat TO-92 -style 5 = SOT-89B 6 = SOIC-8 7 = 2-pin SIP	0 or 1 = Bipolar 2 = Ring magnet sensing 4 = Unipolar 5 = Omnipolar 6 = Latching 8 = Single Hall effect, back bias 9 = Linear	Blank = Legacy product 0-3 = Low 4-6 = Medium 7-9 = High	A = High performance B = Standard performance, linear output D = Speed and direction E = Enhanced performance G = 125°C test H = Low power, high duty K = High Vsupply and ESD protection L = Low power, low duty M = Magnetoresistive N = North pole P = Built-in pull-up resistor Q = Quadrature R = Reduced size S = South pole V = Speed	Blank = Standard 1-9 = Specials 6 = 60 V overvoltage	Blank = Straight standard leads, bulk pack, 1000 units/bag -L = Straight long leads, bulk pack, 1000 units/bag -LP = Straight long leads, pocket tape and reel -S = Surface mount, bulk pack -SP = Surface mount, pocket tape and reel -T2 = Formed leads, ammpack tape-in-box, 5000 units/box -T3 = Standard leads, ammpack tape-in-box, 5000 units/box T = Pocket tape and reel Formed leads: 2,54 mm [0.100 in] spacing Straight leads: 12,7 mm [0.050 in] spacing

*Not all lead or packaging combinations are possible. Contact Honeywell Customer Service at 1-800-537-6945 for assistance.

Example Magnetic Sensor IC Catalog Listings

Catalog Listing	Product Description Based on the Nomenclature Above
SL353	Solid state low power, SOT-23, omnipolar, low Gauss
SS361RT	Solid state commercial, SOT-23, latching, low Gauss, reduced size
SS496A1-SP	Solid state commercial, flat TO-92-style, linear, medium Gauss, sink/source, special, surface mount, pocket tape and reel
SS461A-T2	Solid state commercial, flat TO-92-style, latching, low Gauss, high performance open collector output, formed leads, ammpack tape-in-box, 5000 units/box
SS49E-L	Solid state commercial, flat TO-92-style, linear, enhanced performance, straight long leads, bulk pack
VF460S	Hall effect vehicle, flat TO-92-style, latching, low Gauss, turned on by South pole, straight standard leads, bulk pack, 1000 units/bag
VM721D1	AMR vehicle, 2-pin SIP, ring magnet sensing, low Gauss, speed and direction, special
VM721V1	AMR vehicle, 2-pin SIP, ring magnet sensing, low Gauss, speed, special
SS41K6	Solid state commercial, flat TO-92-style, bipolar, high Vsupply and ESD protection, 60 V overvoltage, straight standard leads, bulk pack, 1000 units/bag
VG481V1	Solid state vehicle gear tooth, flat TO-92-style, single Hall effect, back bias, low Gauss, speed, special
VF526DT	Hall effect vehicle, SOT-89B, ring magnet sensing, speed and direction, pocket tape and reel
SS526GT	Solid state, SOT-89B, ring magnet sensing, 125°C test, pocket tape and reel

Legacy and Exceptions

Catalog Listing	Product Description
APS00B	Anisotropic magnetoresistive, angular sensing, first level bridge circuits and ASICs
2SS52M	Solid state anisotropic magnetoresistive, omnipolar, U-pack

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