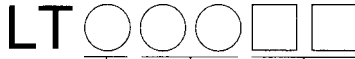


Numbering System



Serial No.

1: Hall device
2: Hall IC

A: Tape-packaged products of lead forming type
SA: Tape-packaged products of lead straight type

Line-up for GaAs Hall Devices/Hall ICs

■ GaAs Hall Devices (Tape-packaged products)

(T_a = 25°C)

Model No.	Absolute maximum ratings		Electrical characteristics			Outline dimensions W X H X T	Lead		Page
	Control voltage V _c (V)	Operating temperature T _{opr} (°C)	No-load Hall voltage V _H (TYP)	V _c (V)	B(mT)		Forming	Straight	
LT1 20A	12	-20 to +125	160	6	100	*2.9 X1.5X1.1	●		14
LT1 35A	12	-20 to +125	240	6	100	*2.9 X1.5X1.1	●		16
LT1 40A	12	-20 to +125	160	6	100	* 1.45X1.45X0.6	●		18
LT140SA	12	-20 to +125	160	6	100	* 1.45X1.45X0.6		●	20
★LT170A	12	-20 to +125	160	6	100	3.8 X1.6X2.4	Leadless type		22

* Resin portion ★ Under development

■ Hall ICs for Fan Motors (Tape-packaged products)

(T_a = 25°C)

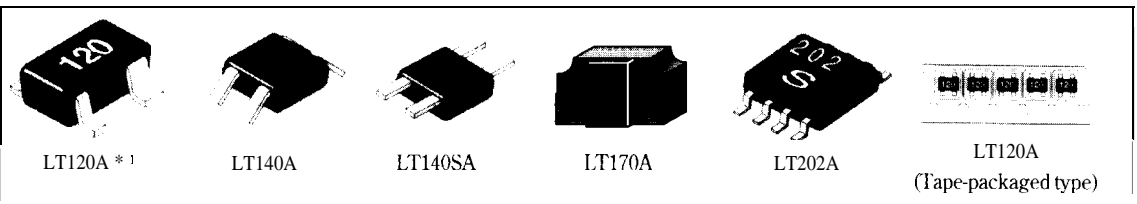
Model No.	Absolute maximum ratings			Electrical characteristics			Page	
	Supply voltage V _{cc} (V)	Output Current(continuous) V _{cc} =12V V _{cc} =24V		Operating temperature T _{opr} (°C)	Operating supply voltage V _{cc} (V)	Operating magnetic flux density(mT) B _i (MIN) B _i (MAX)		
LT202A	30	250	150	-20 to +80	24	- 10	10	26
★LT205A*	30	(500)	(500)	-20 to +80	24	- 10	10	29

* Without output terminal of variable speed by temperature ★ Under development

■ Hall ICs for Noncontact Switch (Tape-packaged products)

(T_a = 25°C)

Model No	Type		Output		Absolute maximum ratings			Electrical characteristics		Page
	unidirectional magnetic field-type	Alternating magnetic field-type	Open collector	Output current	Supply voltage V _{cc} (V)	Output current I _o (mA)	Operating temperature T _{opr} (°C)	Operating magnetic flux density(mT) B _{OP} (MAX) B _{RP} (MIN)		
LT230A	●		●		18	5	-20 to +125	20	5	30
LT251A	●			●	18	5	-20 to +125	30	10	32
LT253A	●		●		18	5	-20 to +125	30	10	34
LT260A		●	●		18	5	-20 to +125	10	-10	36
LT261A		●		●	18	5	-20 to +125	10	-10	38
LT262A		●	●		8	5	-20 to +125	10	-10	40
LT280A	●		●		6.5	5	-20 to +125	30	10	42



* 1 1135A, 230A, 253A, 251A, 260A, 262A and 280A are also same package