

## Laser Diode Drivers, Motor Driver and Auto Focus ICs

★Under development

### ■ Laser Diode Drivers

Model No.	Application	Drive system	Laser diode driving current (mA)MAX.		Maximum switching frequency(MHz)	Applicable SHARP diode type	Supply voltage (V)	Package
IR3C01/N	Compact disk player (Built-in analog APC function)	DC mode	150		—	M, H	+ 5, - 12	8DIP/8SOP
IR3C02A/AN			150		—	M, H	± 5	
IR3C07/N			150		—	P, W	+ 5	
IR3C08/N	Laser printer (Built-in digital APC function)	Pulse mode	100		20(MIN.)	M	+ 5	24SDIP/24SOP
IR3C09			112		20(MIN.)	P	+ 5	30SDIP
IR3C10	High-current drive application	Pulse mode, DC mode	215 (mode 1)	120 (mode 2)	10(TYP.)	P	+ 5	24SOP
IR3C11	Three-system APC for optical disk and optical magnetic disk	—	—		—	—	+ 5	56QFP

### ■ Motor Driver

Model No.	Application	Output current (mA)MAX.	Output configuration	Output-on resistance (Ω)TYP.	Supply voltage (V)	Package
IR2C69	Stepping motor driver	± 400	Complementary	1.9	4.0 to 6.0	16SOP

### ■ Auto Focus ICs

Model No.	Function	Output/Input element	Supply voltage (V)	Package
★IR3S87	Active type, 1-bit solenoid driver	Infrared LED/PD*2	2.0 to 5.0	8SOP
IR3S71	Active type, 2-bit parallel output	Infrared LED/2-part PSD*1	2.2 to 5.0	12MFP
IR3S78	Active type, 4-bit parallel output	Infrared LED/PSD*1	2.2 to 5.0	20MFP
IR3S72	Active type, 8-bit serial output	Infrared LED/PSD*1	2.7 to 4.0	12MFP
IR3S86	Active type, 11-bit serial output	Infrared LED/PSD*1	2.7 to 5.5	18MFP
IR3S85	Active type, three-beam 8-bit serial output	Infrared LED x 3/3-part PSD*1	2.7 to 3.5	20MFP

\* 1 PSD : Position Sensitive Detector    \* 2 PD : Photo Diode