

# Infrared Emitting Diodes

ECG Type	Description	Min Power Output $P_o$	Max Forward Voltage $V_F$ (V)	Reverse Voltage $V_R$ (V)	DC Forward Current $I_F$ (mA)	Power Diss. P/Case (m/W)	Peak Emission Wavelength $\lambda_p$ (nm)	Response Time (ns)	Beam Angle $\theta_{HI}$ (Deg)	Fig. No.
ECG3017	Infrared Emitting Diode for TV Remote Control, 15 mW @ $I_f = 100$ mA	15 mW	1.7	5	150	210	950	400	60	P9
ECG3027	PN Gallium Arsenide	1 mW	1.5	5	100	150	900	100	15	P16
ECG3028	PN Gallium Arsenide	200 $\mu$ W	1.5	3	150	200	900	50	15	P17
ECG3029A*	PN Gallium Arsenide	2 mW	1.8	6	50	150	900	1000	30	P18A
ECG3099	Bi-Directional IR LED	1.8 mW	1.5	3	50	75	940	---	15	P56

\* 2 Per Pkg.

## Outlines

