

# Linear Circuits

## Line Drivers

Type	Description	Maximum		Propagation Delay (ns)	Output Type Single Ended	Operating <sup>1</sup> Temp. Range	Available Packages				
		Operating Frequency (MHz)	Output Current (mA)				MP	DD	DC	DP	DN
RC1488	Quad, EIA Type	2.5	10	65	X	C			X		

1. Operating Temperature Range: A = -55°C to +125°C, C = 0°C to +70°C

## Line Receivers

Type	Description	Maximum Propagation Delay (ns)	Fan-Out	Output Voltage		Supply Voltage (Volts)	Operating <sup>2</sup> Temp. Range	Available Packages				
				High	Low			MP	DD	DC	DP	DN
RC1489	Quad, EIA Type	85	6	4.0	.2	+10	C			X		
RC1489A	Quad, EIA Type	85	6	4.0	.2	+10	C			X		
RC9622	Dual, CCSL Compatible	35	8	3.3	.25	+7, -12	C			X		
RM9622	Dual, CCSL Compatible	35	7	3.3	.25	+7, -12	A			X		

2. Operating Temperature Range: A = -55°C to +125°C, C = 0°C to +70°C

## Comparators

Type	Description	Max. Input Specs @ 25° C			Response Time ns (Typ)	TTL Fanout	Min. Voltage Gain (V/mV)	Temp. <sup>1</sup> Range	Available Packages						
		Offset Voltage (mV)	Current						DC	DB	H	Z	O	T	
			Offset (μA)	Bias (μA)											
LM111	Low input currents	3	.01	.1	200	5	200 typ	A			X				
LM139	Quad single supply	5	.025	.1	1300	2	200 typ	A			X				
LM211	Low input currents	3	.01	.1	200	5	200 typ	B			X				
LM239	Quad single supply	5	.05	.25	1300	2	200 typ	B			X	X			
LM311	Low input currents	7.5	.05	.25	200	5	200 typ	C			X		X		
LM339	Quad single supply	5	.05	.25	1300	2	200 typ	C			X	X			
LM2901	Quad single supply	5	.05	.25	1300	2	200 typ	V			X				
RC710	General purpose	5	5	25	40	1	1	C	X	X				X	X
RM710	General purpose	2	3	20	60 max	1	1.25	A	X	X					X
RC3302	Quad single supply	20	.003 typ	.5	2000	2	30 typ	V	X	X					

1. Operating Temperature Range: A = -55°C to +125°C; C = -25°C to +85°C; V = -40°C to +85°C.