

The specifications for **LTC[®]1343** have been revised as shown below. For complete specifications, typical performance characteristics and applications information, please see the **LTC1343** data sheet.

 LTC and LT are registered trademarks of Linear Technology Corporation.

ELECTRICAL CHARACTERISTICS $V_{CC} = 5V$ (Notes 2, 3)

SYMBOL	PARAMETER	CONDITIONS		MIN	TYP	MAX	UNITS
Supplies							
I _{CC}	V _{CC} Supply Current (DCE Mode, All Digital Pins = GND or V _{CC})	V.10 Mode, Full Load	●		80	150	mA
		RS530, RS530-A, X.21 Modes, Full Load	●		160	200	mA
		V.35 Mode, Full Load	●		115	160	mA
		V.28 Mode, Full Load	●		30	90	mA
V.11 Driver							
V _{OD}	Differential Output Voltage	Open Circuit, R _L = 1.95k R _L = 50Ω (Figure 1) V _{OD} at 50Ω > 1/2 V _{OD} at R _L = 1.95k	● ●			± 6.0	V V
I _{SS}	Short-Circuit Current	−0.25V ≤ V _O ≤ 0.25V, Power Off or No-Cable Mode or Driver Disabled				±150	mA
V.10 Driver							
V _O	Output Voltage	Open Circuit, R _L = 3.9k R _L = 450Ω (Figure 4) V _O at 450Ω > 0.9 V _O at R _L = 3.9k, Driver 1 Only			±4.0 ±3.6	±6.0	V V
I _{SS}	Short-Circuit Current	V _O = GND; EIA-530, X.21, EIA-530-A Modes				±150	mA

Note 2: All currents into device pins are positive; all currents out of device are negative. All voltages are referenced to device ground unless otherwise specified.

Note 3: All typicals are given for $V_{CC} = 5V$, $C_1 = C_2 = C_{VCC} = C_{VDD} = 1\mu F$, $C_{VEE} = 3.3\mu F$ tantalum capacitors and $T_A = 25^\circ C$.

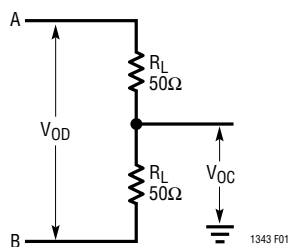


Figure 1. RS422 Driver Test Circuit

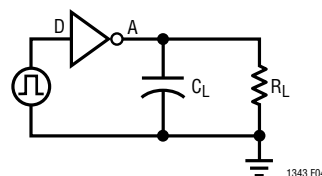


Figure 4. V.10/V.28 Receiver Test Circuit

For further information regarding this specification notice contact:

Linear Technology Corporation
1630 McCarthy Blvd.
Milpitas, California 95035-7417
Attn: Product Marketing Manager
Phone: (408) 432-1900