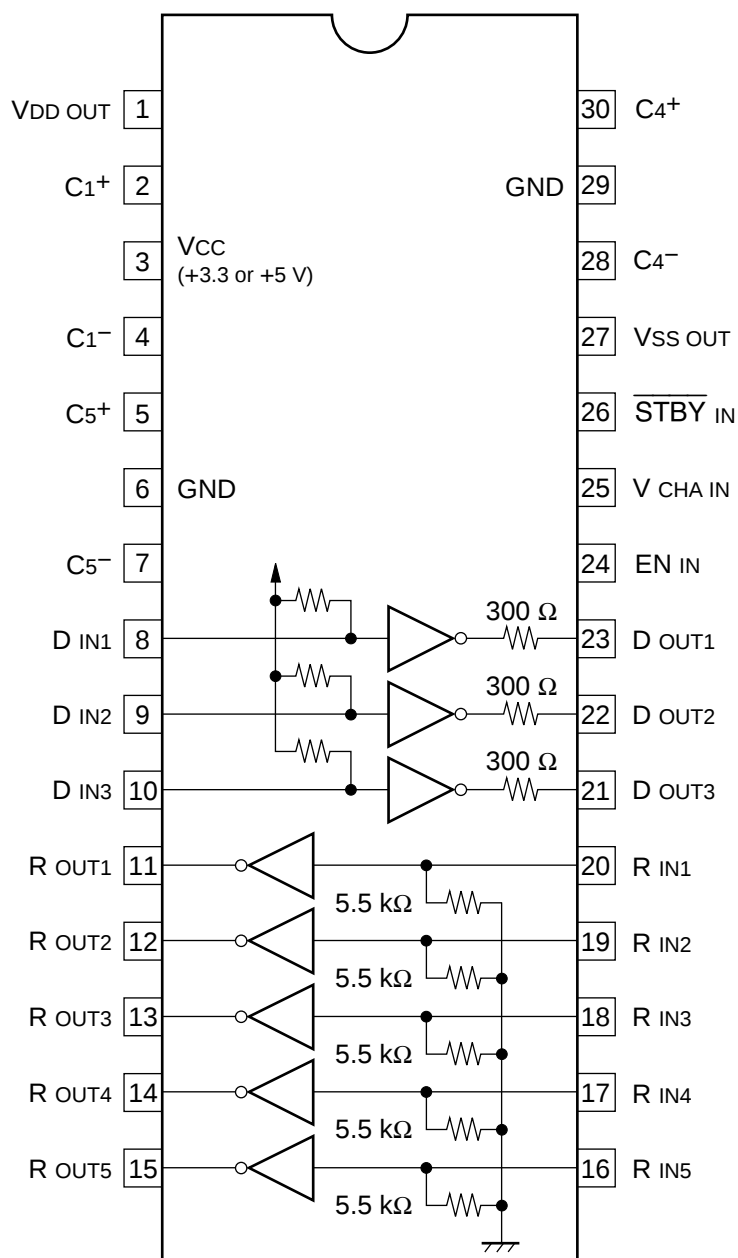


C-MOS RS-232 LINE DRIVER/RECEIVER

—TOP VIEW—

**INPUT**

DIN1 - DIN3 : TTL/C-MOS DATA 1 - 3

EN : ENABLE

RIN1 - RIN5 : RECEIVER (RS-232) DATA 1 - 5

STBY : STANDBY

VCHA : V CHARACTER

OUTPUT

DOUT1 - DOUT3 : DRIVER (RS-232) DATA 1 - 3

ROUT1 - ROUT5 : TTL/C-MOS DATA 1 - 5

VDD : OUTPUT VOLTAGE, +10 V

VSS : OUTPUT VOLTAGE, -10 V

OTHERC1⁺, C1⁻ : CONNECTED CAPACITOR 1C4⁺, C4⁻ : CONNECTED CAPACITOR 4C5⁺, C5⁻ : CONNECTED CAPACITOR 5

DRIVER

STBY	DIN	DOUT	FUNCTION
0	X	HI-Z	STANDBY MODE (D/D CONVERTER STOP)
1	0	1	SPACE LEVEL OUTPUT
1	1	0	MARK LEVEL OUTPUT

RECEIVER

STBY	EN	RIN		ROUT		FUNCTION
		R1 - R3	R4,R5	R1 - R3	R4,R5	
0	0	X	X	1	1	STANDBY MODE 1 (D/D CONVERTER STOP)
0	1	X	0	1	1	STANDBY MODE 2 (D/D CONVERTER STOP, R4 and R5 OPERATE)
0	1	X	1	1	0	
1	X	0		1		SPACE LEVEL OUTPUT
1	X	1		0		MARK LEVEL OUTPUT

VCHA	MODE
0	5 V MODE
1	3 V MODE

0 : LOW LEVEL

1 : HIGH LEVEL

X : DON'T CARE

HI-Z : HIGH IMPEDANCE