



Line Driver ICs

	iC-DL	iC-HX	iC-VX	iC-WE	iC-HD2	iC-HD7	iC-HE	ET7272
Package	QFN28 5x5	QFN28 5x5	SO16W	SO16W SO20W TSSOP20tp	TSSOP20	SO16N	SO14N	SO16N TSSOP20
Channels	6x1 / 3x2	6x1 / 3x2	3x2	3x1	4x2	4x2	3x2	4x2
Supply Voltages VB VCC	4 V to 36 V	4 V to 36 V	4.5 V to 30 V 4.5 V to 5.5 V	4.5 V to 30 V 4.5 V to 5.5 V	4.5 V to 35 V	4.5 V to 35 V	4.5 V to 35 V	4.5 V to 30 V 3.5 V to 30 V
Inputs: TTL/CMOS Hysteresis Pull Up/Dwn Source Enable Input	•/• • -/ •	•/• • -/ •	•/• • •/ •	•/• • •/ •	•/• • -/ •	•/• • -/ •	•/• • -/ •	•/• • -/ •
Push-Pull Outputs Frequency @ Line Length RS422A Line Adaptation Error Message	30 mAdc, typ. 0.2 Apeak 200 kHz @ 100 m	30 mAdc, typ. 0.2 Apeak 200 kHz @ 100 m	30/100 mAdc, typ. 170 mApeak 200 kHz @ 10 m 20 kHz @ 100 m limited	30 mAdc, typ. 300 mApeak 1 MHz @ 100 m	40 mAdc, typ. 0.2 Apeak 2 MHz @ 10 m	40 mAdc, typ. 0.2 Apeak 2 MHz @ 10 m	40 mAdc, typ. 0.2 Apeak 2 MHz @ 10 m	20 mAdc, 80 mApeak 800 kHz
Protective Circuits Burst/Transient Clamp Overcurrent Thermal Shutdown Undervoltage Lockout	• • • •	• • • •	• • • •	• • • •	• • • •	• • • •	• • • •	• • • •
OTR °C	-25(-40)..125	-25(-40)..125	-25(-40)..85	-25(-40)..130	-25(-40)..125	-25(-40)..125	-25(-40)..125	-55..115
Special Features		power recycling mode	Selectable drive current		5 V (5 mA) outp. xx2068 footprint	26LS31 footprint	LED drive, ET9600 footprint	26LS31 footprint

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