

Line Driver ICs

	iC-DL	iC-HX	iC-VX	iC-WE	26ET31	ET7272	ET9600
Package	QFN28 5x5	QFN28 5x5	SO16W	SO16W SO20W TSSOP20tp	SO16N	SO16N TSSOP20	SO14N
Channels	6x1 / 3x2	6x1 / 3x2	3x2	3x1	4x2	4x2	3x2
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	4.75 V to 30 V	4.5 V to 30 V 3.5 V to 30 V	4.5 V to 30 V
Inputs: TTL/CMOS	•/•	•/•	•/•	•/•	•/•	•/•	•/•
Hysteresis	•	•	•	•	•	•	•
Pull Up/Dwn Source	-/•	-/•	•/-	•/-	-/-	-/-	-/-
Enable Input	•	•		•		•	
Push-Pull Outputs	30 mAdc, typ. 0.2 Apeak	30 mAdc, typ. 0.2 Apeak	30/100 mAdc, typ. 170 mApeak	30 mAdc, typ. 300 mApeak	20 mAdc, 70 mApeak sink	20 mAdc, 80 mApeak 800 kHz	10 mAdc, 70 mApeak 800 kHz
Frequency @ Line Length	200 kHz @ 100 m	200 kHz @ 100 m	200 kHz @ 10 m 20 kHz @ 100 m	1 MHz @ 100 m			
RS422A	•	•	limited	•	•	•	•
Line Adaptation	•	•		•			
Error Message	•	•		•			
Protective Circuits							
Burst/Transient Clamp	•	•	•	•	required	•	required
Overcurrent	•	•	•	•	•	•	•
Thermal Shutdown	•	•	•	•	•	•	•
Undervoltage Lockout	•	•		•			
OTR °C	-25(-40)..125	-25(-40)..125	-25(-40)..85	-25(-40)..130	-40..115	-55..115	-40..125
Special Features		power recycling mode	Selectable drive current			26LS31 footprint	LED drive