



SLVDS Interface						
V_{ID}	Differential input voltage	DCLKIN	200	350	650	mVpp
V_{CM}	Input common mode voltage	DCLKIN	1	1.2	1.3	V
V_{OD}	Differential output voltage		500	700	850	mVpp
V_{CM}	Output common mode voltage			1.0		V

Symbol	Parameter	Conditions	Min	Typ	Max	Units
LVDS OUTPUT DC SPECIFICATIONS (OUT+, OUT-)						
V_{OD}	Differential Output Voltage	$R_L = 100\Omega$	250	350	450	mV
ΔV_{OD}	Change in Magnitude of V_{OD} for Complimentary Output States		-35		35	mV
V_{OS}	Offset Voltage	$R_L = 100\Omega$	1.05	1.2	1.375	V
ΔV_{OS}	Change in Magnitude of V_{OS} for Complimentary Output States		-35		35	mV

Symbol	Parameter	Conditions	Min	Typ	Max	Units
LVDS INPUT DC SPECIFICATIONS (IN+, IN-)						
V_{ID}	Input Differential Voltage		0		1	V
V_{TH}	Differential Input High Threshold	$V_{CM} = +0.05V$ or $V_{CC} - 0.05V$		0	+100	mV
V_{TL}	Differential Input Low Threshold		-100	0		mV
V_{CMR}	Common Mode Voltage Range	$V_{ID} = 100$ mV	0.05		$V_{CC} - 0.05$	V