

Fanout Buffer Selector Guide

PRECISION DIFFERENTIAL FANOUT BUFFERS

Product #	Output Type	# Inputs	# Outputs	Input Termination	Runt Pulse Elimination	125 MHz Additive Jitter fs RMS typ	622.08 MHz Additive Jitter fs RMS typ	Input Type	Input Coupling	Operating Frequency	Power Supply V	Operating Temperature °C	Package	Pkg Size, mm		
ZL40200	LVPECL	1	2	External	N	110	50	LVPECL LVDS HCSL CML	DC or AC	Up to 750MHz	2.5 or 3.3	-40 to +85	QFN-16	3x3		
ZL40201			Internal													
ZL40202			4	External												
ZL40203			Internal													
ZL40204			6	External												
ZL40205			Internal													
ZL40206		2	8	External												
ZL40207				Internal												
ZL40224				External												
ZL40225				Internal												
ZL40208				6	External	Y	185						110			
ZL40209				Internal												
ZL40210	8	External														
ZL40211	Internal															
ZL40212	LVDS	1	2	External	N			130	90	DC or AC	Up to 750MHz	2.5 or 3.3		-40 to +85	QFN-16	3x3
ZL40213			Internal													
ZL40214			4	External												
ZL40215			Internal													
ZL40216			6	External												
ZL40217			Internal													
ZL40218		2	8	External												
ZL40219				Internal												
ZL40226				External												
ZL40227				Internal												
ZL40220				6	External	Y	240	190								
ZL40221				Internal												
ZL40222	8	External														
ZL40223	Internal															

Microsemi high-performance buffers deliver the industry's lowest additive jitter combined with best power supply noise rejection performance. This preserves signal integrity by adding ultra-low jitter and filtering noise from power supplies, resulting in better performance while simplifying engineering board design efforts.



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