



High-Performance, Low-Phase Noise Clocks Buffers

POWER MANAGEMENT | ANALOG & RF | INTERFACE & CONNECTIVITY | **CLOCKS & TIMING** | MEMORY & LOGIC | TOUCH & USER INTERFACE | VIDEO & DISPLAY | AUDIO

RF Frequency Buffer Components					
Device	I/O	Function	Supply voltage	Max. Clock Freq. (MHz)	Package
853S0111	LVPECL	1:2 Fanout Buffer	2.5V, 3.3V	2500	8-TSSOP, 8-SOIC
8SLVP1102I	LVPECL	1:2 Fanout Buffer	2.5V, 3.3V	2000	16-VFQFN
8SLVP2102I	LVPECL	Dual 1:2 Fanout buffer	2.5V, 3.3V	2000	16-VFQFN
853S9252I	LVPECL	1:2 Fanout Buffer	2.5V, 3.3V	3000	16-VFQFN
853S54I-01	LVPECL	Dual 2:1, 1:2 mux, loopback	2.5V, 3.3V	2500	16-VFQFN
859S0212I	LVPECL/LVDS	1:2 Fanout Buffer (2:1 Mux)	2.5V, 3.3V	3000	16-TSSOP
859S0412I	LVPECL/LVDS	1:2 Fanout Buffer (4:1 Mux)	2.5V, 3.3V	3000	20-TSSOP
853S014I	LVPECL	1:5 Fanout Buffer	2.5V, 3.3V	2000	20-TSSOP
853S013I	LVPECL	Dual 1:3 Fanout Buffer	2.5V, 3.3V	2000	20-SOIC
8S89831I	LVPECL	1:4 Fanout Buffer	2.5V, 3.3V	2100	16-VFQFN
8SLVP1204I	LVPECL	1:4 Fanout Buffer	2.5V, 3.3V	2000	16-VFQFN
8S89832I	LVDS	1:4 Fanout Buffer	2.5V, 3.3V	2000	16-VFQFN
8S89833I	LVDS	1:4 Fanout Buffer	2.5V, 3.3V	2000	16-VFQFN
859S0424I	LVPECL/LVDS	1:4 Fanout Buffer (4:1 Mux)	2.5V, 3.3V	3000	24-TSSOP
8S58021I	LVPECL	1:4 Fanout Buffer	2.5V, 3.3V	2500	16-VFQFN
853S314I	LVPECL	1:4 Fanout Buffer	2.5V, 3.3V	2700	20-TSSOP, 20-SSOP
8SLVP2104I	LVPECL	Dual 1:4 Fanout Buffer	2.5V, 3.3V	2000	28-VFQFN
853S006I	LVPECL	1:6 Fanout Buffer	2.5V, 3.3V	2000	20-TSSOP
8S58035I	LVPECL	1:6 Fanout Buffer (2:1 Mux)	2.5V, 3.3V	3200	32-VFQFN
8SLVP2106I	LVPECL	Dual 1:6 Fanout Buffer	2.5V, 3.3V	2000	40-VFQFN
8SLVP1208I	LVPECL	1:8 Fanout Buffer	2.5V, 3.3V	2000	28-VFQFN
8SLVP2108I	LVPECL	Dual 1:8 Fanout Buffer	2.5V, 3.3V	2000	48-VFQFN
853S031I	LVPECL	1:9 Fanout Buffer	2.5V, 3.3V	1600	32-LQFP
853S6111I	LVPECL	1:10 Fanout Buffer	2.5V, 3.3V	2700	32-TQFP
853S111AI	LVPECL	1:10 Fanout Buffer	2.5V, 3.3V	2500	32-TQFP
853S111BI	LVPECL	1:10 Fanout Buffer	2.5V, 3.3V	2500	32-TQFP, 32-VQFN
853S12I	LVPECL	1:12 Fanout Buffer	2.5V, 3.3V	1500	32-VFQFN
8SLVP1212I	LVPECL	1:12 Fanout Buffer	2.5V, 3.3V	2000	40-VFQFN
853S024	LVPECL	1:24 Fanout Buffer	2.5V, 3.3V	1500	64-TQFP

RF Frequency Divider Components					
Device	I/O	Function	Supply voltage	Max. Clock Freq. (MHz)	Package
853S1208I	LVPECL	÷1, ÷2 Divider, Dual 1:4 Fanout Buffer	2.5V, 3.3V	700	48-LQFP
853S1204I	LVPECL	÷1, ÷2 Divider and 1:4 Fanout Buffer	2.5V, 3.3V	700	24-TSSOP
MC100ES6039	LVPECL	÷2/÷4, ÷4/÷6 Divider	3.3V	1000	20-SOIC, 20-TSSOP
MC100ES6226	LVPECL	÷1, ÷2 Divider, Triple 1:3 Fanout Buffer	2.3V, 2.5V	3000	32-LQFP
8S73034I	LVPECL	÷1, ÷2, ÷8 Divider	2.5V, 3.3V	3200	16-SOIC, 16-TSSOP
8S89200I	LVDS	÷1, ÷2, ÷8 Divider with 1:4, 1:3 and 1:1 Fanout	2.5V	3000, 1500	32-VFQFN
8S89202I	LVPECL	÷1, ÷2, ÷8 Divider with 1:4, 1:3 and 1:1 Fanout	2.5V, 3.3V	3000, 1500	32-VFQFN
8S89874I	LVPECL	÷1, ÷2, ÷4, ÷8, ÷16 Divider with 1:2 Fanout Buffer	2.5V, 3.3V	2000	16-VFQFN
8S89875I	LVDS	÷1, ÷2, ÷4, ÷8, ÷16 Divider with 1:2 Fanout Buffer	2.5V	2500	16-VFQFN
8S89876I	LVDS	÷1, ÷2, ÷4, ÷8, ÷16 Divider with 1:2 Fanout Buffer	3.3V	2500	16-VFQFN
874328I-01	LVPECL/LVDS	÷1, ÷4 Divider and 1:20 Fanout Buffer	2.5V	650	64-TQFP

RF Frequency Multiplexer Components					
Device	I/O	Function	Supply voltage	Max. Clock Freq. (MHz)	Package
853S01I	LVPECL	2:1 Mux	2.5V, 3.3V	2500	16-VFQFN, 16-TSSOP
MC100ES6254	LVPECL	2x2 Switch/Dual 1:3/Single 1:6 Fanout	2.5V, 3.3V	3000	32-LQFP
853S057I	LVPECL	4:1 Mux	2.5V, 3.3V	3000	20-TSSOP
853S058I	LVPECL	8:1 Mux	2.5V, 3.3V	2500	24-TSSOP
853S012I	LVPECL	12:1 Mux	2.5V, 3.3V	3200	32-VFQFN
853S202I	LVPECL	12:2 Mux/Switch	2.5V, 3.3V	3000	48-LQFP

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