

TEXAS INSTRUMENTS Analog ICs



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CLOCKS (CONT.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	V _{CC}	Input Level	No. of Outputs	Output Level	Price Each			
							1	10	100	500
Single Ended Non-PLL Buffers (Cont.)										
595-CDCVF2310PW	CDCVF2310PW	TSSOP-24	2.5/3.3	LVTTTL	10	LVTTTL	5.84	5.24	4.30	3.66
595-CDCVF2310PWR	CDCVF2310PWR	TSSOP-24	3.3	LVTTTL	10	LVTTTL	4.88	4.39	3.59	3.06
595-CDCVF310PW	CDCVF310PW	TSSOP-24	2.5/3.3	LVTTTL	10	LVTTTL	5.84	5.24	4.30	3.66
595-CDLVC1112PW	CDLVC1112PW	TSSOP-24	2.5/3.3	LVCNMOS	12	LVCNMOS	6.74	6.09	5.04	4.39
Single Ended PLL Buffers										
595-CDCVF2505D	CDCVF2505D	SOIC-8	3.3	LVTTTL	5	LVTTTL	2.75	2.34	2.02	1.71
595-CDCVF2505PW	CDCVF2505PW	TSSOP-8	3.3	LVTTTL	5	LVTTTL	2.75	2.34	2.02	1.71
595-TLC2932AIPW	TLC2932AIPW	TSSOP-14	3.0/3.3/5.0	-	-	-	4.59	3.90	3.38	2.86
595-TLC2933AIPW	TLC2933AIPW	TSSOP-14	3.0/3.3/5.0	-	-	-	4.59	3.90	3.38	2.86
Ultra-Low Jitter Fixed Frequency Differential Clock Oscillator										
595-LMK61E2100M0SIAT	LMK61E2-100M0SIAT	QFM-6	3.3	-	-	LVPECL	10.10	9.12	7.55	6.57
595-LMK61E2125M0SIAT	LMK61E2-125M0SIAT	QFM-6	3.3	-	-	LVPECL	10.10	9.12	7.55	6.57
595-LMK61E2156M25SIAT	LMK61E2-156M25SIAT	QFM-6	3.3	-	-	LVPECL	11.51	10.58	8.94	7.95
595-LMK61E2312M50SAT	LMK61E2-312M50SAT	QFM-6	3.3	-	-	LVPECL	13.25	12.18	10.29	9.15
Ultra-Low Jitter Fully Programmable Clock Oscillator w/EEPROM										
595-LMK61E2-SIAT	LMK61E2-SIAT	QFM-6	3.3	-	-	HCSSL, LVDS, LVPECL	17.06	15.87	15.12	14.04
Ultra-Low Jitter Pin Selectable, Differential Clock Oscillator										
595-LMK61PD0A2-SIAT	LMK61PD0A2-SIAT	QFM-8	3.3	-	-	HCSSL, LVDS, LVPECL	16.29	14.98	12.65	11.25
Ultra Low Jitter Synthesizer and Jitter Cleaner										
595-CDCM61001RHBT	CDCM61001RHBT	QFN-32	3.3	Crystal, LVCNMOS	1	LVPECL/LVDS/2-LVCNMOS	6.55	5.89	4.82	4.10
595-CDCM61002RHBT	CDCM61002RHBT	QFN-32	3.3	Crystal, LVCNMOS	2	LVPECL/LVDS/2-LVCNMOS	6.85	6.19	5.12	4.46
595-CDCM61002PWR	CDCM61002PWR	TSSOP-16	1.7/1.9	Crystal, LVCNMOS	4	LVPECL/LVDS/2-LVCNMOS	4.17	3.74	3.07	2.61
595-CDCM61004RHBT	CDCM61004RHBT	QFN-32	3.3	Crystal, LVCNMOS	4	LVPECL/LVDS/2-LVCNMOS	8.78	7.93	6.56	5.72
595-CDCM62005RGZT	CDCM62005RGZT	QFN-48	3.3	LVPECL/LVDS/LVCNMOS	5	LVPECL/LVDS/LVCNMOS	16.34	15.02	12.69	11.28
595-CDCM6208V2RGZT	CDCM6208V2RGZT	VQFN-48	1.71	CML, LVPECL, LVDS, LVCNMOS, XTAL	8	CML, LVPECL, LVDS, HCSSL, LVCNMOS	11.33	10.42	8.80	7.83
595-LMK03318RHST	LMK03318RHST	WQFN-48	1.8/3.3	LVCMOS, LVDS, LVPECL, XTAL	8	CML, HCSSL, LVCNMOS, LVDS, LVPECL	16.29	14.98	12.65	11.25
595-LMK03328RHST	LMK03328RHST	WQFN-48	1.8/3.3	CML, LVDS, LVPECL, XTAL	8	CML, HCSSL, LVCNMOS, LVDS, LVPECL	19.97	18.42	15.73	14.28
595-LMK04100SQE/NOPB	LMK04100SQE/NOPB	QFN-48	3.15/3.45	LVDS, LVPECL, LVCNMOS	9	LVPECL, LVCNMOS, RF	13.03	11.98	10.12	9.00
595-DCDE72010RGCT	DCDE72010RGCT	QFN-64	3.3	Diff/Single Ended	10	LVPECL/LVDS/LVCNMOS	19.74	18.15	15.33	13.63
Wideband Frequency Synthesizer										
595-LMX2592RHAT	LMX2592RHAT	WQFN-40	3.45	CMOS, HCSSL, LVDS, LVPECL	1	Programmable	35.60	32.84	28.04	25.46
595-LMX2581ESQE/NOPB	LMX2581ESQE/NOPB	WQFN-32	3.45	-	2	-	11.95	10.98	9.28	8.25
595-LMX2582RHAT	LMX2582RHAT	WQFN-40	3.45	-	2	-	19.55	17.97	15.18	13.50
Wideband Low Noise Fractional N PLL										
595-LMX2492RTWT	LMX2492RTWT	WQFN-24	3.3	-	1	-	19.01	17.47	14.75	13.12

EMBEDDED CLOCKS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	Supply Voltage (V)	Clock (MHz)		Total Throughput (Mbps)	Payload Per/Ch (Mbps)	Function	Level		Price Each			
				Min.	Max.				Input	Output	1	10	100	500
926-DS90UR124QVSNOPB	DS90UR124QVSNOPB	TQFP-64	3.3	5	43	1032	1032	Deserializer	FPD-Link II LVDS	LVCNMOS	10.26	9.26	7.67	6.68
926-DS90UR241IVSNOPB	DS90UR241IVSNOPB	TQFP-48	3.3	5	43	1032	1032	Serializer	LVCNMOS	FPD-Link LVDS	10.26	9.26	7.67	6.68
926-DS90UR241QVSNOPB	DS90UR241QVSNOPB	TQFP-48	3.3	5	43	1032	1032	Serializer	LVCNMOS	FPD-Link LVDS	10.26	9.26	7.67	6.68
595-DS90UB925SQSQENPB	DS90UB925SQSQENPB	WQFN-48	3.3	5	85	2550	2975	Serializer	LVCNMOS	FPD-Link III LVDS	13.03	11.98	10.12	9.00
595-DS90UB926SQSQENPB	DS90UB926SQSQENPB	WQFN-60	3.3	5	85	2550	2975	Deserializer	LVCNMOS	FPD-Link III LVDS	13.03	11.98	10.12	9.00
926-DS92LV18TVV/NOPB	DS92LV18TVV/NOPB	LQFP-80	3.3	15	66	2376	1188	Ser./Deser.	LVTTTL, BLVDS	LVDS/BLVDS, LVTTTL	17.46	16.05	13.55	12.05
926-DS92LV1021AMSA/NOPB	DS92LV1021AMSA/NOPB	SSOP-28	3.3	16	40	400	400	Serializer	LVTTTL	LVDS, BLVDS	7.81	7.06	5.84	5.09
926-DS92LV1212AMSA/NOPB	DS92LV1212AMSA/NOPB	SSOP-28	3.3	16	40	400	400	Deserializer	LVDS, BLVDS	LVTTTL	7.81	7.06	5.84	5.09
926-921224SLC/NOPB	SCAN921224SLC/NOPB	FBGA-49	3.3	20	66	660	660	Deserializer	LVDS, BLVDS	LVTTTL	9.75	8.81	7.29	6.32
595-DS90CR286ATDGRQ1	DS90CR286ATDGRQ1	TSSOP-56	3.3	20	66	1848	-	Deserializer	LVDS	LVCNMOS	11.14	10.06	8.33	7.25
926-921025HSM/NOPB	SCAN921025HSM/NOPB	FBGA-49	3.3	20	80	800	800	Serializer	LVTTTL	LVDS, BLVDS	9.16	8.28	6.85	5.97
926-DS92LV16TVHG/NOPB	DS92LV16TVHG/NOPB	LQFP-80	3.3	25	80	2560	1280	Ser./Deser.	LVTTTL, LVDS/BLVDS	LVDS/BLVDS, LVTTTL	17.21	15.82	13.36	11.88
595-DS90UB940TNKDTQ1	DS90UB940TNKDTQ1	WQFN-64	3.3	25	170	5950	3360	Deserializer	FPD-Link III, LVDS	CML, LVCNMOS	17.81	16.38	13.83	12.30
595-DS90UB948TNKDTQ1	DS90UB948TNKDTQ1	WQFN-64	3.3	25	170	5950	3360	Deserializer	FPD-Link III, LVDS	LVDS	16.95	15.58	13.15	11.70
595-DS90UB949TRGCTQ1	DS90UB949TRGCTQ1	WQFN-64	3.5	25	170	5950	-	Serializer	FPD-Link III, LVDS	CML, LVCNMOS	19.34	17.78	15.01	13.35
926-DS92LV1224TMSANO	DS92LV1224TMSANO	SSOP-28	3.3	30	66	660	660	Deserializer	LVDS, BLVDS	LVTTTL	11.01	9.94	8.23	7.17

RF SYNTHESIZERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	No. of PLLs	PLL Freq. (MHz)		Aux PLL Freq. (MHz)		Supply Current (mA)	Supply Volt. (V)		Normal PLL Phase Noise	PLL Type	Price Each			
				Min.	Max.	Min.	Max.		Min.	Max.			1	10	100	500
595-LMX2581ESQE/NOPB	LMX2581ESQE/NOPB	QFN-32	1	50	900	1880	3760	7	3.15	3.45	-229dBc/Hz	Delta-Sigma	11.95	10.98	9.28	8.25
926-LMX2531LQ2080ENOB	LMX2531LQ2080ENOB	LLP-36	1	1106	3132	553	1566	34	2.7	3.2	-219dBc/Hz	Delta-Sigma	11.96	10.99	9.28	8.26
926-2541SQ2380ENOB	LMX2541SQ2380ENOB	LLP-36	1	1990	4000	31.6	2000	150	3.15	3.45	-225dBc/Hz	Delta-Sigma	12.28	11.29	9.53	8.48
926-2541SQ3740ENOB	LMX2541SQ3740ENOB	LLP-36	1	1990	4000	31.6	2000	150	3.15	3.45	-225dBc/Hz	Delta-Sigma	12.28	11.29	9.53	8.48
926-LMX2485ESQ/NOPB	LMX2485ESQ/NOPB	LLP-24	2	50	3000	75	800	5	2.5	3.6	-219dBc/Hz	Delta-Sigma	5.88	5.29	4.33	3.69
926-LMX2430TM/NOPB	LMX2430TM/NOPB	TSSOP-20	2	250	3000	100	800	4.2	2.25	2.75	-219dBc/Hz	Integer-N	4.33	3.89	3.19	2.71

TIMERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	Supply Voltage (V)		Supply Current (mA)		Output Rise Time (Typ.) (ns)	Output Fall Time (Typ.) (ns)	Price Each			
			Min.	Max.	Typ.	Max.			1	10	100	1000
Single												
595-NE555D	NE555D	SOIC-8	0.5	4.5	3	6	100	100	.39	.297	.161	.121
595-NE555P	NE555P	PDIP-8	0.5	4.5	3	6	100	100	.43	.332	.18	.135
595-NE555PSR	NE555PSR	SO-8	0.5	4.5	3	6	100	100	.36	.275	.149	.112
926-LMC555CM/NOPB	LMC555CM/NOPB	SOIC-8	1.5	15	0.15	0.4	15	15	1.16	.994	.763	.533
926-LMC555CN/NOPB	LMC555CN/NOPB	DIP-8	1.5	15	0.15	0.4	15	15	1.21	1.03	.793	.554
595-LMC555IM/NOPB	LMC555IM/NOPB	SOIC-8	1.5	15	5	15	15	15	1.56	1.33	1.02	.716
595-TPL5000DGST	TPL5000DGST	VSSOP-10	1.8	5	0.00003	0.00005	50	50	1.83	1.64	1.32	.776
595-TPL5100DGST	TPL5100DGST	VSSOP-10	1.8	5	0.00003	0.00005	50	50	1.83	1.64	1.32	.776
595-TPL5110DDCR	TPL5110DDCR	SOT-23-6	1.8	5.5	0.000035	0.000049	50	50	1.18	1.06	.828	.45
595-TPL5111DDCT	TPL5111DDCT	SOT-23-6	1.8	5.5	0.000035	0.000049	50	50	1.36	1.22	.952	.518
595-TPL5010DDCT	TPL5010DDCT	SOT-6	1.8	5.5	0.000035	0.00005	50	50	1.36	1.22	.952	.518
595-TPL5110DDCT	TPL5110DDCT	SOT-6	1.8	5.5	0.000035	0.00005	50	50	1.36	1.22	.952	.518
926-LM555CM/NOPB	LM555CM/NOPB	SOIC-8	4.5	16	3	6	100	100	1.12	.957	.735	.513
926-LM555CMM/NOPB	LM555CMM/NOPB	MiniSOIC-8	4.5	16	3	6	100	100	.89	.767	.589	.411
926-LM555CMX/NOPB	LM555CMX/NOPB	SOIC-8	4.5	16	3	6	100	100	.93	.798	.613	.428
926-LM555CN/NOPB	LM555CN/NOPB	DIP-8	4.5	16	3	6	100	100	1.04	.887	.682	.476
595-SE555P	SE555P	PDIP-8	4.5	-	-	3	5	100	.43	.332	.18	.135
Dual												
595-TLC552CN	TLC552CN	PDIP-14	1.0	15	3	20	20	15	2.70	2.30	1.84	1.32
926-LMC555CMM/NOPB	LMC555CMM/NOPB	MiniSOIC-8	1.5	15	0.05	0.15	15	15	1.12	.963	.74	.516
926-LMC555CMX/NOPB	LMC555CMX/NOPB	SOIC-8	1.5	15	0.05	0.15	15	15	.97	.829	.636	.444
595-TLC555CD	TLC555CD	SOIC-8	2.0	15	0.25	0.4	20	15	.82	.688	.444	.355