

ANALOG DEVICES INC. PLL and Potentiometers

AHEAD OF WHAT'S POSSIBLE™

Products may be RoHS compliant. Check mouser.com for RoHS status.

PHASE LOCKED LOOPS (PLL) (CONT.)

Fractional-N Frequency Synthesizers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	ADI Part No.	Package	Supply Voltage (V)		No. of Input/Outputs	Frequency (Max.) (GHz)	Input Level	Output Level	Price Each			
			Max.	Min.					1	10	100	250
584-ADF4153ABCPZ	ADF4153ABCPZ	LFCSP-20	3.3	2.7	1:1	4	CMOS, TTL	Clock	5.29	4.72	3.87	3.49
584-ADF4153BCPZ	ADF4153BCPZ	LFCSP-20	3.3	2.7	1:1	4	CMOS, TTL	Clock	5.87	5.24	4.29	3.87
584-ADF4153BRUZ	ADF4153BRUZ	TSSOP-16	3.3	2.7	1:1	4	CMOS, TTL	Clock	5.87	5.24	4.29	3.87
584-ADF4154BCPZ	ADF4154BCPZ	LFCSP-20	3.3	2.7	1:1	4	CMOS, TTL	Clock	5.87	5.24	4.29	3.87
584-ADF4154BRUZ	ADF4154BRUZ	TSSOP-16	3.3	2.7	1:1	4	CMOS, TTL	Clock	5.87	5.24	4.29	3.87
584-ADF4156BCPZ	ADF4156BCPZ	LFCSP-20	3.3	2.7	1:1	6.2	CMOS, TTL	Clock	6.36	5.73	4.71	4.33
584-ADF4156BRUZ	ADF4156BRUZ	TSSOP-16	3.3	2.7	1:1	6.2	CMOS, TTL	Clock	6.36	5.73	4.71	4.33
584-ADF4157BCPZ	ADF4157BCPZ	LFCSP-20	3.3	2.7	1:1	6	CMOS, TTL	Clock	7.40	6.66	5.47	5.03
584-ADF4157BRUZ	ADF4157BRUZ	TSSOP-16	3.3	2.7	1:1	6	CMOS, TTL	Clock	7.49	6.74	5.54	5.09
584-ADF4158CCPZ	ADF4158CCPZ	LFCSP-24	3.3	2.7	1:1	6.1	CMOS, TTL	Clock	10.98	9.88	8.12	7.46
584-ADF4252BCPZ	ADF4252BCPZ	LFCSP-24	3.3	2.7	1:1	3	CMOS, TTL	Clock	6.14	5.52	4.54	4.17
584-ADF4159CCPZ	ADF4159CCPZ	LFCSP-24	3.45	2.7	1	13	CMOS	Clock	14.83	13.48	11.46	10.40
584-ADF4151BCPZ	ADF4151BCPZ	LFCSP-32	3.6	3	1:1	3.5	CMOS, TTL	Clock	5.89	5.30	4.36	4.00
584-ADF4150HVBCPZ	ADF4150HVBCPZ	LFCSP-32	3.6	3	1:1	3	CMOS, TTL	Clock	6.05	5.44	4.47	4.11
584-ADF4150BCPZ	ADF4150BCPZ	LFCSP-24	3.6	3	1:1	3	CMOS, TTL	Clock	5.74	5.13	4.20	3.79

PLL Clock Generators

For quantities greater than listed, call for quote.

584-ADF4001BRUZ	ADF4001BRUZ	TSSOP-16	2.7	5.5	2:1	0.2	CMOS, TTL	Clock	4.43	3.96	3.24	2.93
584-AD9578BCPZ	AD9578BCPZ	LFCSP-48	3.6	2.375	2:5	0.919	LVCMOS, LVDS, LVPECL, Crystal	HCSL, LVCMOS, LVDS, LVPECL	15.01	13.64	11.59	10.53
584-ADF4001BCPZ	ADF4001BCPZ	LFCSP-20	5.5	2.7	2:1	0.2	CMOS, TTL	Clock	4.43	3.96	3.24	2.93

Prescalers

For quantities greater than listed, call for quote.

Divide by 2										Price Each			
584-ADF5000BCPZ	ADF5000BCPZ	LFCSP-16	3.6	3	1:1	18		Clock	Clock	16.97	15.42	13.11	11.90
Divide by 4										Price Each			
584-ADF5001BCPZ	ADF5001BCPZ	WFQFN-16	3	3.6	1:1	18		Clock	Clock	16.97	15.42	13.11	11.90
Divide by 8										Price Each			
584-ADF5002BCPZ	ADF5002BCPZ	LFCSP-16	3	3.6	1:1	18		Clock	Clock	16.97	15.42	13.11	11.90

DIGITAL POTENTIOMETERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	ADI Part No.	Package	Supply Voltage (Max.) (V)	No. of Pots	Taps	Resistance (kΩ)	Wiper Memory	Interface	Supply Current (µA)	Operating Temperature (°C)	Price Each			
											1	10	100	250
584-AD5228BUJZ100-R2	AD5228BUJZ100-R2	TSOT-8	2.7	1	32	100	Volatile	Push Button	0.4	-40 to 105	2.06	1.86	1.49	1.33
584-AD5228BUJZ100-R7	AD5228BUJZ100-RL7	TSOT-8	2.7	1	32	100	Volatile	Push Button	0.4	-40 to 105	1.29	1.14	902	.793
584-AD5228BUJZ10-R2	AD5228BUJZ10-R2	TSOT-8	2.7	1	32	10	Volatile	Push Button	0.4	-40 to 105	2.06	1.86	1.49	1.33
584-AD5228BUJZ10-R7	AD5228BUJZ10-RL7	TSOT-8	2.7	1	32	10	Volatile	Push Button	0.4	-40 to 105	1.29	1.14	902	.793
584-AD5201BRMZ10	AD5201BRMZ10	MSOP-10	2.7	1	33	10	Volatile	SPI	15	-40 to 85	1.69	1.53	1.23	1.09
584-AD5227BUJZ10-R2	AD5227BUJZ10-R2	TSOT-8	2.7	1	64	10	Volatile	Up/Down	0.4	-40 to 105	2.17	1.96	1.58	1.40
584-AD5227BUJZ10-R7	AD5227BUJZ10-RL7	TSOT-8	2.7	1	64	10	Volatile	Up/Down	0.4	-40 to 105	1.38	1.22	.968	.851
584-AD5200BRMZ10	AD5200BRMZ10	MSOP-10	2.7	1	256	10	Volatile	SPI	15	-40 to 85	2.74	2.45	2.01	1.81
584-AD5200BRMZ50	AD5200BRMZ50	MSOP-10	2.7	1	256	50	Volatile	SPI	15	-40 to 85	2.74	2.45	2.01	1.81
584-AD5241BRUZ10	AD5241BRUZ10	TSSOP-14	2.7	1	256	10	Volatile	I2C	0.1	-40 to 105	2.59	2.34	1.88	1.67
584-AD5241BRUZ100	AD5241BRUZ100	TSSOP-14	2.7	1	256	100	Volatile	I2C	0.1	-40 to 105	2.59	2.34	1.88	1.67
584-AD5241BRZ10	AD5241BRZ10	SOIC-14	2.7	1	256	10	Volatile	I2C	0.1	-40 to 105	2.59	2.34	1.88	1.67
584-AD5241BRZ100	AD5241BRZ100	SOIC-14	2.7	1	256	100	Volatile	I2C	0.1	-40 to 105	2.59	2.34	1.88	1.67
584-AD5241BRZ1M	AD5241BRZ1M	SOIC-14	2.7	1	256	1000	Volatile	I2C	0.1	-40 to 105	2.59	2.34	1.88	1.67
584-AD5175BRMZ-10	AD5175BRMZ-10	MSOP-10	2.7	1	1024	10	Non-Volatile	I2C	0.3	-40 to 125	3.88	3.46	2.84	2.56
584-AD5231BRUZ10	AD5231BRUZ10	TSSOP-16	2.7	1	1024	10	Non-Volatile	SPI	2.7	-40 to 85	4.96	4.43	3.63	3.28
584-AD5231BRUZ100	AD5231BRUZ100	TSSOP-16	2.7	1	1024	100	Non-Volatile	SPI	2.7	-40 to 85	4.96	4.43	3.63	3.28
584-AD5231BRUZ50	AD5231BRUZ50	TSSOP-16	2.7	1	1024	50	Non-Volatile	SPI	2.7	-40 to 85	4.96	4.43	3.63	3.28
584-AD5222BRZ10	AD5222BRZ10	SOIC-14	2.7	2	128	10	Volatile	Up/Down	15	-40 to 85	2.72	2.46	1.98	1.76
584-AD5232BRUZ10	AD5232BRUZ10	TSSOP-16	2.7	2	256	10	Non-Volatile	SPI	3.5	-40 to 85	6.07	5.46	4.49	4.13
584-AD5235BRUZ25	AD5235BRUZ25	TSSOP-16	2.7	2	1024	25	Non-Volatile	SPI	3.5	-40 to 85	9.65	8.68	7.14	6.56
584-AD5235BRUZ250	AD5235BRUZ250	TSSOP-16	2.7	2	1024	250	Non-Volatile	SPI	3.5	-40 to 85	9.65	8.68	7.14	6.56
584-AD5203ARZ10	AD5203ARZ10	SOIC-24	2.7	4	64	10	Volatile	SPI	0.01	-40 to 85	4.51	4.02	3.30	2.98
584-AD5204BRUZ10	AD5204BRUZ10	TSSOP-24	2.7	4	256	10	Volatile	SPI	12	-40 to 85	3.83	3.42	2.80	2.53
584-AD5204BRUZ100	AD5204BRUZ100	TSSOP-24	2.7	4	256	100	Volatile	SPI	12	-40 to 85	3.83	3.42	2.80	2.53
584-AD5204BRUZ50	AD5204BRUZ50	TSSOP-24	2.7	4	256	50	Volatile	SPI	12	-40 to 85	3.83	3.42	2.80	2.53
584-AD5204BRZ10	AD5204BRZ10	SOIC-24	2.7	4	256	10	Volatile	SPI	12	-40 to 85	3.83	3.42	2.80	2.53
584-AD5204BRZ100	AD5204BRZ100	SOIC-24	2.7	4	256	100	Volatile	SPI	12	-40 to 85	3.83	3.42	2.80	2.53
584-AD5259BRMZ5	AD5259BRMZ5	MSOP-10	2.75	1	256	5	Non-Volatile	I2C	3	-40 to 125	2.50	2.26	1.82	1.62
584-AD5259BRMZ50	AD5259BRMZ50	MSOP-10	2.75	1	256	50	Non-Volatile	I2C	3	-40 to 125	2.50	2.26	1.82	1.62
584-AD5260BRUZ20	AD5260BRUZ20	TSSOP-14	2.75	1	256	20	Volatile	SPI	25	-40 to 85	4.53	4.05	3.32	2.99
584-AD5260BRUZ200	AD5260BRUZ200	TSSOP-14	2.75	1	256	200	Volatile	SPI	25	-40 to 85	4.53	4.05	3.32	2.99
584-AD5260BRUZ50	AD5260BRUZ50	TSSOP-14	2.75	1	256	50	Volatile	SPI	25	-40 to 85	4.53	4.05	3.32	2.99
584-AD5248BRMZ10	AD5248BRMZ10	MSOP-10	2.75	2	256	10	Volatile	I2C	3.5	-40 to 125	2.52	2.25	1.84	1.66
584-AD5248BRMZ100	AD5248BRMZ100	MSOP-10	2.75	2	256	100	Volatile	I2C	3.5	-40 to 125	2.52	2.25	1.84	1.66
584-AD5248BRMZ2.5	AD5248BRMZ2.5	MSOP-10	2.75	2	256	2.5	Volatile	I2C	3.5	-40 to 125	2.52	2.25	1.84	1.66
584-AD5248BRMZ50	AD5248BRMZ50	MSOP-10	2.75	2	256	50	Volatile	I2C	3.5	-40 to 125	2.52	2.25	1.84	1.66
584-AD5252BRUZ1	AD5252BRUZ1	TSSOP-14	2.75	2	256	1	Non-Volatile	I2C	3	-40 to 105	4.05	3.62	2.97	2.68
584-AD5252BRUZ10	AD5252BRUZ10	TSSOP-14	2.75	2	256	10	Non-Volatile	I2C	3	-40 to 105	4.05	3.62	2.97	2.68
584-AD5252BRUZ100	AD5252BRUZ100	TSSOP-14	2.75	2	256	100	Non-Volatile	I2C	3	-40 to 105	4.05	3.62	2.97	2.68
584-AD5262BRUZ20	AD5262BRUZ20	TSSOP-16	2.75	2	256	20	Volatile	SPI	25	-40 to 85	4.96	4.43	3.63	3.28
584-AD5262BRUZ200	AD5262BRUZ200	TSSOP-16	2.75	2	256	200	Volatile	SPI	25	-40 to 85	4.96	4.43	3.63	3.28
584-AD5262BRUZ50	AD5262BRUZ50	TSSOP-16	2.75	2	256	50	Volatile	SPI	25	-40 to 85	4.96	4.43	3.63	3.28
584-AD5263BRUZ20	AD5263BRUZ20	TSSOP-24	2.75	4	256	20	Volatile	SPI	1	-40 to 125	6.68	6.01	4.94	4.54
584-AD5263BRUZ200	AD5263BRUZ200	TSSOP-24	2.75	4	256	200	Volatile	SPI	1	-40 to 125	6.68	6.01	4.94	4.54
584-AD5263BRUZ20-R7	AD5263BRUZ20-REEL7	TSSOP-24	2.75	4	256	20	Volatile	SPI	1	-40 to 125	6.68	6.01	4.94	4.54
584-AD5263BRUZ50	AD5263BRUZ50	TSSOP-24	2.75	4	256	50	Volatile	SPI	1	-40 to 125	6.68	6.01	4.94	4.54
584-ADN2850BCPZ250	ADN2850BCPZ250	LFCSP-16	5	2	1024	250	Non-Volatile	SPI	3.5	-40 to 85	9.65	8.68	7.14	6.56
584-AD5220BNZ10	AD5220BNZ10	PDIP-8	5.4	1	128	10	Volatile	Up/Down	15	-40 to 85	3.12	2.79	2.28	2.06
584-AD5220BNZ100	AD5220BNZ100	PDIP-8	5.4											