

FOX Microprocessor Crystals

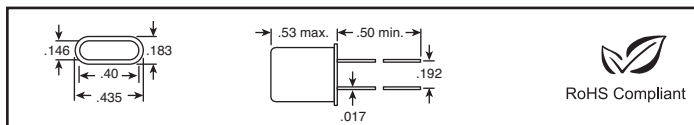
RoHS Compliant This product is RoHS compliant.



HC49U CRYSTALS

- Operating temp.: -20°C to +70°C
- Frequency tolerance: ±30ppm
- Aging: ±5PPM per year max.
- Drive level (typ./max.): 1.0-3.0MHz, 0.1/5.0mW
- 3.0-32.0MHz, 0.1/2.0mW
- Maximum height: .530"

DIMENSIONS: in.



RoHS Compliant

For quantities greater than listed, call for quote.

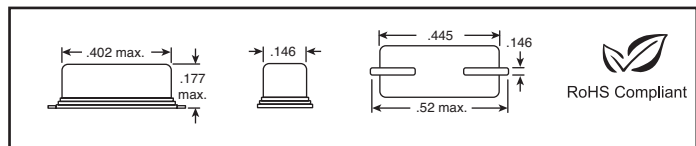
MOUSER STOCK NO.	Fox Part No.	Frequency (MHz)	Load Cap.	Price Each		
				1	10	100
559-FOX018S-LF	FOXLF018S	1.843200	13pF	1.61	1.31	1.20
559-FOX020S-LF	FOXLF020S	2.000000	20pF	1.61	1.31	1.20
559-FOX024S-LF	FOXLF024S	2.457600	32pF	.91	.74	.68
559-FOX036S-LF	FOXLF036S	3.579545	18pF	.82	.682	.612
559-FOX0368-20-LF	FOXLF0368-20	3.686400	20pF	.47	.39	.35
559-FOX040-LF	FOXLF040	4.000000	20pF	.82	.682	.612
559-FOX073-20-LF	FOXLF073-20	7.372800	20pF	.47	.39	.35
559-FOX080-20-LF	FOXLF080-20	8.000000	20pF	.47	.39	.35
559-FOX100-LF	FOXLF100	10.000000	Series	.47	.39	.35
559-FOX111-20-LF	FOXLF111-20	11.000000	20pF	.47	.39	.35
559-FOX115-20-LF	FOXLF115-20	11.059200	20pF	.47	.39	.35
559-FOX120-20-LF	FOXLF120-20	12.000000	20pF	.47	.39	.35
559-FOX147-20-LF	FOXLF147-20	14.745600	20pF	.47	.39	.35
559-FOX160-20-LF	FOXLF160-20	16.000000	20pF	.47	.39	.35
559-FOX200-20-LF	FOXLF200-20	20.000000	20pF	.89	.752	.665
559-FOX240F-20-LF	FOXLF240F-20	24.000000	20pF	.71	.65	.53
559-FOX250F-20-LF	FOXLF250F-20	25.000000	20pF	.55	.47	.41
559-FOX320-20-LF	FOXLF320-20	32.000000	20pF	.68	.58	.42

Frequency Control

HC49SM SMD CRYSTALS

- Operating temp.: 0°C to +70°C
- Frequency tolerance: ±30ppm
- Aging: ±5ppm per year max.
- Drive level (typ./max.): 0.1mW/1.0mW
- Maximum height: .177"

DIMENSIONS: in.



RoHS Compliant

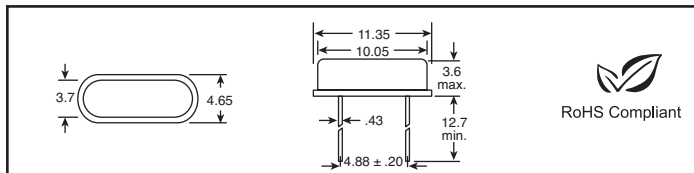
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fox Part No.	Frequency (MHz)	Load Cap.	Price Each		
				1	10	100
559-FOXSD0368-20-LF	FOXSDLF/0368-20	3.686400	20pF	.83	.59	.43
559-FOXSD040-LF	FOXSDLF/040	4.000000	20pF	.83	.59	.43
559-FOXSD049-20-LF	FOXSDLF/049-20	4.915200	20pF	.83	.59	.43
559-FOXSD060-20-LF	FOXSDLF/060-20	6.000000	20pF	.83	.59	.43
559-FOXSD073-20-LF	FOXSDLF/073-20	7.372800	20pF	.83	.59	.43
559-FOXSD080-20-LF	FOXSDLF/080-20	8.000000	20pF	.83	.59	.43
559-FOXSD098-20-LF	FOXSDLF/098-20	9.830400	20pF	.83	.59	.43
559-FOXSD100-20-LF	FOXSDLF/100-20	10.000000	20pF	.83	.59	.43
559-FOXSD115-20-LF	FOXSDLF/115-20	11.059200	20pF	.83	.59	.43
559-FOXSD120-20-LF	FOXSDLF/120-20	12.000000	20pF	.83	.59	.43
559-FOXSD143-20-LF	FOXSDLF/143-20	14.318180	20pF	.83	.59	.43
559-FOXSD147-20-LF	FOXSDLF/147-20	14.745600	20pF	.83	.59	.43
559-FOXSD160-20-LF	FOXSDLF/160-20	16.000000	20pF	.83	.59	.43
559-FOXSD196-20-LF	FOXSDLF/196-20	19.660800	20pF	.83	.59	.43
559-FOXSD200-20-LF	FOXSD/200-20-LF	20.000000	20pF	.69	.59	.51
559-FOXSD221-20-LF	FOXSDLF/221-20	22.118400	20pF	.83	.59	.43
559-FOXSD240F-20-LF	FOXSDLF/240F-20	24.000000	20pF	.83	.59	.43
559-FOXSD245F-20-LF	FOXSDLF/245F-20	24.576000	20pF	.83	.59	.43
559-FOXSD250F-20-LF	FOXSDLF/250F-20	25.000000	20pF	.78	.67	.58

HC49S CRYSTALS

- Operating temperature: -20°C to +70°C
- Frequency tolerance: ±30ppm
- Aging: ±5ppm per year max.
- Drive level (typ./max.): 0.1mW/1.0m
- Maximum height: .142"

DIMENSIONS: in.



RoHS Compliant

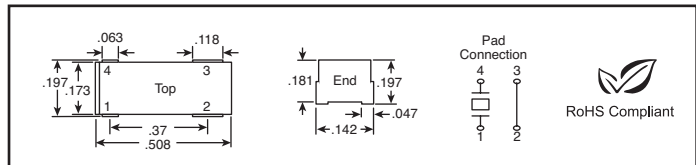
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MOUSER STOCK NO.	Fox Part No.	Frequency (MHz)	Load Cap.	Price Each		
				1	10	100
559-FOX036S-LF	FOXSLF/036S	3.579545	18pF	.49	.42	.28
559-FOX0368S-20-LF	FOXSLF/0368-20	3.686400	20pF	.49	.42	.28
559-FOX040-LF	FOXSLF/040	4.000000	20pF	.49	.42	.28
559-FOX041-LF	FOXSLF/041	4.194304	12pF	.57	.49	.45
559-FOX073-20-LF	FOXSLF/073-20-LF	7.372800	20pF	.57	.49	.43
559-FOX080-20-LF	FOXSLF/080-20	8.000000	20pF	.49	.42	.28
559-FOX100-20-LF	FOXSLF/100-20	10.000000	20pF	.49	.42	.28
559-FOX115-20-LF	FOXSLF/115-20	11.059200	20pF	.49	.42	.28
559-FOX120-20-LF	FOXSLF/120-20	12.000000	20pF	.49	.42	.28
559-FOX143-20-LF	FOXSLF/143-20	14.318180	20pF	.49	.42	.28
559-FOX147-20-LF	FOXSLF/147-20	14.745600	20pF	.49	.42	.28
559-FOX160-20-LF	FOXSLF/160-20	16.000000	20pF	.49	.42	.28
559-FOX184-20-LF	FOXSLF/184-20	18.432000	20pF	.49	.42	.28
559-FOX200-20-LF	FOXSLF/200-20	20.000000	20pF	.49	.42	.28
559-FOX240F-20-LF	FOXSLF/240F-20	24.000000	20pF	.64	.55	.51
559-FOX250F-20-LF	FOXSLF/250F-20	25.000000	20pF	.49	.42	.28

ENCAPSULATED SMD CRYSTALS

- Operating temp.: -10°C to +70°C
- Frequency tolerance: ±50ppm
- Aging: ±5ppm per year max.
- Drive level (typ./max.): 0.1mW/1.0mW
- Maximum height: .197"

DIMENSIONS: in.



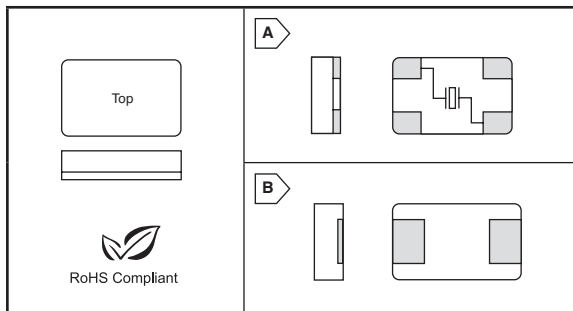
RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fox Part No.	Frequency (MHz)	Load Cap.	Price Each		
				1	10	100
559-FPX036S-LF	FPXLF036S	3.579545	18pF	1.91	1.31	1.08
559-FPX073-20-LF	FPXLF073-20	7.372800	20pF	1.91	1.31	1.08
559-FPX080-20-LF	FPXLF080-20	8.000000	20pF	1.91	1.31	1.08
559-FPX100-20-LF	FPXLF100-20	10.000000	20pF	1.91	1.31	1.08
559-FPX115-20-LF	FPXLF115-20	11.059200	20pF	1.91	1.31	1.08
559-FPX120-20-LF	FPXLF120-20	12.000000	20pF	1.91	1.31	1.08
559-FPX143-20-LF	FPXLF143-20	14.318180	20pF	1.91	1.31	1.08
559-FPX160-20-LF	FPXLF160-20	16.000000	20pF	1.91	1.31	1.08
559-FPX200-20-LF	FPXLF200-20	20.000000	20pF	1.91	1.31	1.08
559-FPX250F-20-LF	FPXLF250F-20	25.000000	20pF	1.91	1.31	1.08

FQ SERIES CRYSTALS

- Surface mount all quartz
- Ultra low profile



MOUSER STOCK NO.	Fox Part No.	Fig.	Freq. (MHz)	Price Each					Reel Qty.	Price Per Piece
				1	10	50	100	500		
7.0mm x 5.0mm										
559-FQ7050B-7.3728	FQ7050B-7.3728	A	7.37280	.96	.78	.70	.61	.53	1000	.49
559-FQ7050B-8	FQ7050B-8	A	8.00000	.96	.78	.70	.61	.53	1000	.49
559-FQ7050B-10	FQ7050B-10	A	10.00000	.96	.78	.70	.61	.53	1000	.49
559-FQ7050B-11.0592	FQ7050B-11.0592	A	11.05920	.96	.78	.70	.61	.53	1000	.49
5.0mm x 3.2mm										
559-FQ5032B-12	FQ5032B-12	A	12.00000	1.07	.87	.78	.68	.59	1000	.546
559-FQ5032B-16	FQ5032B-16	A	16.00000	1.07	.87	.78	.68	.59	1000	.546
559-FQ5032B-20	FQ5032B-20	A	20.00000	1.07	.87	.78	.68	.59	1000	.546
559-FQ5032B-24	FQ5032B-24	A	24.00000	1.07	.87	.78	.68	.59	1000	.546
559-FQ5032B-24.576	FQ5032B-24.576	A	24.57600	1.07	.87	.78	.68	.59	1000	.546
559-FQ5032B-25	FQ5032B-25	A	25.00000	1.07	.87	.78	.68	.59	1000	.546
10mm x 4.5mm										
559-FQ1045A-3.6864	FQ1045A-3.6864	B	3.68640	1.49	1.21	1.08	.95	.81	1000	.756
559-FQ1045A-4	FQ1045A-4	B	4.00000	1.49	1.21	1.08	.95	.81	1000	.756
559-FQ1045A-4.9152	FQ1045A-4.9152	B	4.91520	1.38	1.12	1.00	.88	.75	1000	.70
559-FQ1045A-6	FQ1045A-6	B	6.00000	1.38	1.12	1.00	.88	.75	1000	.70

For quantities greater than listed, call for quote.