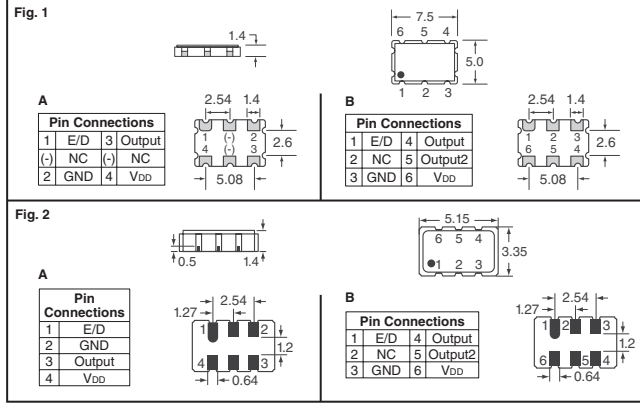


SPECIFICATIONS	FXO-HC536R FXO-HC736R	FXO-HC735	FXO-PC735	FXO-PC736	FXO-LC535 FXO-LC735	FXO-LC536
Supply Voltage:	3.3V ±5%					
Output Type:	HCMOS			LVPECL	LVDS	
Frequency Stability:	±25ppm	±50ppm	±25ppm	±50ppm	±25ppm	
Storage Temperature:	-55°C - 125°C					
Output Symmetry:	45% - 55%					
Startup Time:	10mS					
Output Voltage:	VOH: 90% V _{DD} minimum	2.055V - 2.405V		---	---	---
	VOL: 10% V _{DD}	1.35V - 1.65V		---	---	---
Output Load Condition (typical):	15pF maximum		50Ω into V _{DD} -2VDC typical		100Ω typical	
Rise/Fall Time:	3nS		400pS			
Output Enable/Disable Time:	100nS					



Frequency (MHz)	Digi-Key Part No.	1	10	50	100	Tape & Reel Pricing 1,000	Fox Electronics Part No.
Fig. 1A — FXO-HC735 HCMOS ±50ppm (-20°C - 70°C) 3.3V Oscillators							
1.00000	631-1122-1-ND	1.44	1.25	1.10	.87	538.14	FXO-HC735-1MHz
1.54400	631-1123-1-ND	1.06	.91	.77	.72	---	FXO-HC735-1.544MHz
1.84320	631-1051-1-ND	1.44	1.25	1.10	.87	538.14	FXO-HC735-1.8432MHz
2.04800	631-1124-1-ND	1.44	1.25	1.10	.87	538.14	FXO-HC735-2.048MHz
4.00000	631-1115-1-ND	1.44	1.25	1.10	.87	538.14	FXO-HC735-4MHz
8.00000	631-1125-1-ND	1.44	1.25	1.10	.87	538.14	FXO-HC735-8MHz
12.00000	631-1116-1-ND	1.44	1.25	1.10	.87	538.14	FXO-HC735-12MHz
12.28800	631-1117-1-ND	1.44	1.25	1.10	.87	538.14	FXO-HC735-12.288MHz
14.31818	631-1118-1-ND	1.44	1.25	1.10	.87	538.14	FXO-HC735-14.31818MHz
16.00000	631-1053-1-ND	1.44	1.25	1.10	.87	538.14	FXO-HC735-16MHz
16.38400	631-1127-1-ND	1.06	.91	.77	.72	---	FXO-HC735-16.384MHz
18.43200	631-1119-1-ND	1.06	.91	.77	.72	---	FXO-HC735-18.432MHz
20.00000	631-1054-1-ND	1.44	1.25	1.10	.87	538.14	FXO-HC735-20MHz
24.00000	631-1128-1-ND	1.44	1.25	1.10	.87	538.14	FXO-HC735-24MHz
24.57600	631-1120-1-ND	1.44	1.25	1.10	.87	538.14	FXO-HC735-24.576MHz
25.00000	631-1055-1-ND	1.44	1.25	1.10	.87	538.14	FXO-HC735-25MHz
28.63636	631-1129-1-ND	1.44	1.25	1.10	.87	538.14	FXO-HC735-28.63636MHz
33.00000	631-1130-1-ND	1.06	.91	.77	.72	---	FXO-HC735-33MHz
33.33300	631-1057-1-ND	1.44	1.25	1.10	.87	538.14	FXO-HC735-33.333MHz
40.00000	631-1058-1-ND	1.44	1.25	1.10	.87	538.14	FXO-HC735-40MHz
48.00000	631-1059-1-ND	1.44	1.25	1.10	.87	538.14	FXO-HC735-48MHz
50.00000	631-1060-1-ND	1.44	1.25	1.10	.87	538.14	FXO-HC735-50MHz
62.50000	631-1131-1-ND	1.51	1.31	1.15	.91	560.56	FXO-HC735-62.5MHz
66.66600	631-1132-1-ND	1.51	1.31	1.15	.91	560.56	FXO-HC735-66.666MHz
75.00000	631-1133-1-ND	1.56	1.36	1.19	.94	582.98	FXO-HC735-75MHz
80.00000	631-1135-1-ND	1.65	1.44	1.26	1.00	616.62	FXO-HC735-80.000MHz
100.00000	631-1136-1-ND	2.19	1.90	1.67	1.32	818.42	FXO-HC735-100MHz
106.25000	631-1137-1-ND	1.61	1.38	1.17	1.09	---	FXO-HC735-106.250MHz
125.00000	631-1138-1-ND	2.52	2.19	1.92	1.52	941.74	FXO-HC735-125MHz
Fig. 1A — FXO-HC735RGB HCMOS ±50ppm (-40°C - 85°C) 3.3V Gigabit Ethernet Oscillators							
125.00000	631-1221-1-ND	2.76	2.40	2.10	1.66	1031.43	FXO-HC735RGB-125
156.25000	631-1222-1-ND	4.32	3.75	3.29	2.60	1614.41	FXO-HC735RGB-156.25
Fig. 1B — FXO-PC735RGB LVPECL ±50ppm (-40°C - 85°C) 3.3V Gigabit Ethernet Oscillators							
125.00000	631-1215-1-ND	12.13	10.52	9.23	7.28	4529.32	FXO-PC735RGB-125
156.25000	631-1216-1-ND	12.13	10.52	9.23	7.28	4529.32	FXO-PC735RGB-156.25
312.50000	631-1217-1-ND	13.28	11.51	10.09	7.97	4955.35	FXO-PC735RGB-312.50
Fig. 1B — FXO-PC736 LVPECL ±25ppm (-20°C - 70°C) 3.3V Oscillator							
1.0000GHz	631-1143-ND	41.31	35.31	30.05	27.80	---	FXO-PC736-1000MHz
Fig. 1B — FXO-LC735RGB LVDS ±50ppm (-40°C - 85°C) 3.3V Gigabit Ethernet Oscillators							
125.00000	631-1218-1-ND	12.13	10.52	9.23	7.28	4529.32	FXO-LC735RGB-125
156.25000	631-1219-1-ND	12.13	10.52	9.23	7.28	4529.32	FXO-LC735RGB-156.25
312.50000	631-1220-1-ND	13.28	11.51	10.09	7.97	4955.35	FXO-LC735RGB-312.50
Fig. 2A — FXO-HC536R HCMOS ±25ppm (-40°C - 85°C) 3.3V Oscillators							
1.84320	631-1144-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC536R-1.8432
3.68640	631-1158-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC536R-3.6864
4.00000	631-1163-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC536R-4
8.00000	631-1171-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC536R-8
10.00000	631-1145-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC536R-10
12.00000	631-1147-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC536R-12
14.31818	631-1149-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC536R-14.31818
16.00000	631-1150-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC536R-16
16.38400	631-1151-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC536R-16.384
20.00000	631-1152-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC536R-20
24.00000	631-1154-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC536R-24

Frequency (MHz)	Digi-Key Part No.	1	10	50	100	Tape & Reel Pricing 1,000	Fox Electronics Part No.
24.57600	631-1155-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC536R-24.576
25.00000	631-1156-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC536R-25
27.00000	631-1157-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC536R-27
30.00000	631-1159-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC536R-30
32.00000	631-1160-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC536R-32
33.33300	631-1161-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC536R-33
33.33300	631-1162-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC536R-33.333
40.00000	631-1164-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC536R-40
48.00000	631-1165-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC536R-48
50.00000	631-1166-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC536R-50
60.00000	631-1167-1-ND	2.01	1.75	1.53	1.21	751.15	FXO-HC536R-60
62.50000	631-1168-1-ND	2.01	1.75	1.53	1.21	751.15	FXO-HC536R-62.5
66.00000	631-1169-1-ND	2.01	1.75	1.53	1.21	751.15	FXO-HC536R-66
75.00000	631-1170-1-ND	2.13	1.85	1.63	1.28	796.00	FXO-HC536R-75
80.00000	631-1173-1-ND	2.13	1.85	1.63	1.28	796.00	FXO-HC536R-80
100.00000	631-1146-1-ND	2.79	2.43	2.13	1.68	1042.64	FXO-HC536R-100
125.00000	631-1148-1-ND	2.95	2.56	2.24	1.77	1098.70	FXO-HC536R-125
200.00000	631-1153-1-ND	6.64	5.76	5.05	3.99	2477.68	FXO-HC536R-200

Frequency (MHz)	Digi-Key Part No.	1	10	50	100	Tape & Reel Pricing 1,000	Fox Electronics Part No.
Fig. 2A — FXO-HC736R HCMOS ±25ppm (-40°C - 85°C) 3.3V Oscillators							
1.84320	631-1174-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC736R-1.8432
2.04800	631-1182-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC736R-2.048
3.68640	631-1189-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC736R-3.6864
4.00000	631-1194-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC736R-4
10.00000	631-1175-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC736R-10
12.00000	631-1177-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC736R-12
14.31818	631-1179-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC736R-14.31818
16.00000	631-1180-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC736R-16
16.38400	631-1181-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC736R-16.384
20.00000	631-1183-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC736R-20
24.00000	631-1185-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC736R-24
24.57600	631-1186-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC736R-24.576
25.00000	631-1187-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC736R-25
27.00000	631-1188-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC736R-27
30.00000	631-1190-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC736R-30
32.00000	631-1191-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC736R-32
33.00000	631-1192-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC736R-33
33.33300	631-1193-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC736R-33.333
40.00000	631-1195-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC736R-40
48.00000	631-1196-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC736R-48
50.00000	631-1197-1-ND	1.92	1.67	1.47	1.16	717.52	FXO-HC736R-50
60.00000	631-1198-1-ND	2.01	1.75	1.53	1.21	751.15	FXO-HC736R-60
62.50000	631-1199-1-ND	2.01	1.75	1.53	1.21	751.15	FXO-HC736R-62.5
66.00000	631-1200-1-ND	2.01	1.75	1.53	1.21	751.15	FXO-HC736R-66
66.66600	631-1202-1-ND	2.01	1.75	1.53	1.21	751.15	FXO-HC736R-66.666
75.00000	631-1203-1-ND	2.13	1.85	1.63	1.28	796.00	FXO-HC736R-75
100.00000	631-1176-1-ND	2.95	2.56	2.24	1.77	1098.70	FXO-HC736R-100
125.00000	631-1178-1-ND	2.95	2.56	2.24	1.77	1098.70	FXO-HC736R-125
200.00000	631-1184-1-ND	6.64	5.76	5.05	3.99	2477.68	FXO-HC736R-200
Fig. 2B — FXO-LC535 LVDS ±50ppm (-20°C - 70°C) 3.3V Oscillator							
212.							