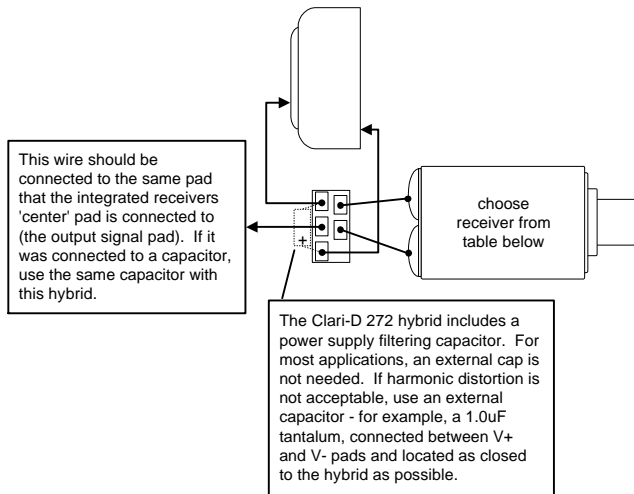


Replacing Class D Integrated Receivers

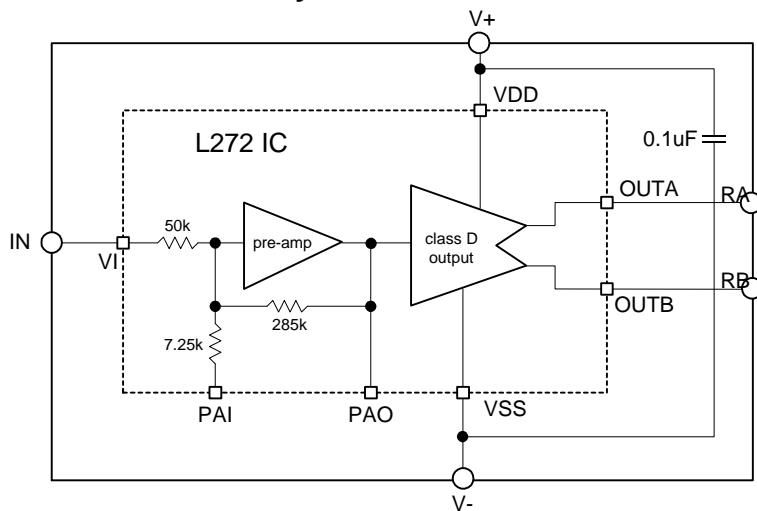
Application Note

The Clari-D 272 Class D Output Stage is easy to use to replace typical applications of Knowles Class D Integrated Receivers. The following diagram and table show how to connect the hybrid to your existing circuit, and which zero-bias receiver you should choose.

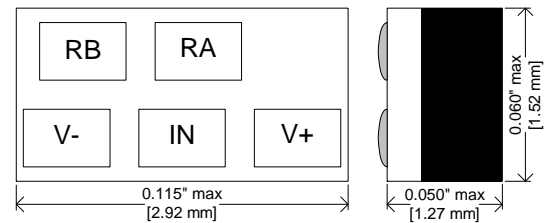


Knowles Integrated Receiver Model	Recommended Zero-bias Receiver		comments
	Knowles	Microtronic	
CK3122	EF3168	1912	undamped
EP4073	ED7234	23x73	undamped
EP4074	ED7156	23x74	undamped
EP4075	---	23x75	undamped
EP4106	ED7235	23x04	type 2 damping
EP4107	ED7236	23x06	type 2 damping
EP4108	ED3162	23x05	type 2 damping
EP7107	---	23x39	type 2 damping
EP7108	ED7288	23x52	type 2 damping
EP7103	ED3146	23x17	undamped
EP7104	ED3147	23x47	undamped
ES3127	EH7232	26A01	undamped
ES3126	EH7233	26A04	undamped
ES3172	XL7739	26G01	type 2 damping
ES3171	XL7740	26G04	type 2 damping
FD3266	FC7963	26A04	undamped
FD3283	XL6314	26A01	undamped
FD3297	---	26G04	type 2 damping
FD3298	XL6118	26G01	type 2 damping

Hybrid Schematic



Hybrid Package, part nr. 91098-000



All pads are
0.020 X 0.030"
[.51 x .76 mm]

Note: These data are offered to facilitate applications testing for this product. The accuracy of this data is not guaranteed. RTI recommends that the customer perform additional testing prior to production use. Contact RTI if you require additional assistance preparing this product for your application.