

13 August 2010

Dear Customer

We have been advised by Hudson that the HC49/U case style quartz crystals for frequencies between 3.2MHz through to 33MHz (in fundamental mode) and frequencies over 33MHz through to 100MHz (in third overtone mode), are being discontinued with immediate effect. The reason given for this discontinuance is that the production process has become increasingly expensive and is no longer commercially viable to continue manufacturing using the HC49/U style case in these frequency ranges.

The discontinued parts are detailed below along with the closest available alternatives.

The suggested alternatives are all case style HC49/4H which has the same PCB footprint as the HC49/U part and features a lower profile case height of 4.0mm max vs. 13.4mm max.

Anglia Part No.	Suggested Alternative	Anglia Part No.	Suggested Alternative	Anglia Part No.	Suggested Alternative	Anglia Part No.	Suggested Alternative
607007	607407	607016	607416	607025	607425	607021	607421
607008	607408	607017	607417	607029	607429	607026	607426
607009	607409	607018	607418	607036	607436	607028	607428
607011	607411	607019	607419	607041	607441	607030	607430
607012	607412	607027	607427	607042	607442	607031	607431
607013	607413	607022	607422	607046	607446	607032	607432
607014	607414	607023	607423	607059	607459	607033	607433
607015	607415	607024	607424	607020	607420	607039	607439

Alternatives shown are closest available matches; they have the same form and fit but in some cases have slightly different electrical parameters. A comparison of the critical parameters is shown on the attached page. Please make your engineering teams aware of this information so they can check suitability of the suggested alternative in your application. If you require samples and data for the suggested alternatives please contact Anglia's sales desk.

We still have some stocks on the above discontinued Hudson parts which are available on a first come first served basis; however, we are unable to secure further stocks once this stock is exhausted.

Please make the relevant person(s) in your purchasing department aware of this discontinuation to avoid any disruption to your manufacturing.

Yours Sincerely

Anglia

Critical Parameter Differences											
Anglia Part No.	Tolerance PPM @ 25°C ±	Temperature Stability ppm over -10 to +60°C	Load Cap pF	ESR O	Shunt Capacitance pF	Closest Alternative	Tolerance PPM @ 25°C ±	Temperature Stability ppm over -10 to +60°C	Load Cap pF	ESR O	Shunt Capacitance pF
607007	20	50	16	90	7	607407	30	50	16	150	7
607008	20	50	30	90	7	607408	30	50	30	150	7
607009	20	50	30	80	7	607409	30	50	30	120	7
607011	20	50	30	60	7	607411	30	50	30	80	7
607012	20	50	30	60	7	607412	30	50	30	80	7
607013	20	50	30	70	7	607413	30	50	30	100	7
607014	20	50	30	50	7	607414	30	50	30	80	7
607015	20	50	30	40	7	607415	30	50	30	70	7
607016	30	50	30	40	7	607416	30	50	30	70	7
607017	30	50	30	35	7	607417	30	50	30	50	7
607018	20	30	30	35	7	607418	30	50	30	50	7
607019	20	30	30	35	7	607419	30	50	30	50	7
607027	30	50	30	25	7	607427	30	50	30	25	7
607022	20	30	30	25	7	607422	30	50	30	40	7
607023	20	30	30	25	7	607423	20	30	30	25	7
607024	20	50	Series	25	7	607424	20	30	30	25	7
607025	20	50	30	25	7	607425	30	50	30	40	7
607029	20	50	30	80	7	607429	30	50	30	120	7
607036	20	30	30	35	7	607436	30	50	30	50	7
607041	20	50	30	80	7	607441	30	50	30	120	7
607042	30	50	30	35	7	607442	30	50	30	50	5
607046	20	50	30	40	7	607446	30	50	30	70	7
607059	20	30	30	25	7	607459	20	30	30	25	7
607020	20	50	30	35	7	607420	30	30	16	40	7
607021	20	30	20	35	7	607421	20	30	20	40	7
607026	30	50	30	25	7	607426	30	50	30	40	7
607028	20	30	12.5	80	7	607428	20	30	12.5	120	7
607030	30	50	30	35	7	607430	20	50	30	50	7
607031	20	30	12.5	150	7	607431	20	30	12.5	200	7
607032	20	30	20	80	7	607432	20	30	20	120	7
607033	30	50	20	40	7	607433	30	50	20	70	7
607039	30	50	32	50	7	607439	30	50	32	40	7