



JEDEC Types	• Very High Q • Low Voltage • Low Leakage			• Very High Q • Intermediate Voltage • Low Leakage			• High Q • Low Voltage • General Purpose			• Low Voltage • Low Leakage			• High Voltage • Low Leakage			
	CAP Ratio 2-30 V Min.	Q @ 4.0 V 50 MHz Min.	Device Type	CAP Ratio 2-40 V Min.	Q @ 4.0 V 50 MHz Min.	Device Type	CAP Ratio 2-30 V Min.	Q @ 4.0 V 50 MHz Min.	Device Type	CAP Ratio 0.1-4 V Min.	Max. Working Voltage (MWV)	Device Type	CAP Ratio 0.1-4 V Min.	Max. Working Voltage (MWV)	Device Type	
C <sub>T</sub> Nominal Capacitance pF ± 10% @ V <sub>R</sub> = 4.0 V f = 1.0 MHz	3.9	2.5	600	1N5458A												
	4.7	2.6	600	1N5459A			2.4	450	1N5440A							
	5.6	2.6	600	1N5460A												
	6.8	2.7	600	1N5461A	3.1	600	1N5681A	2.5	450	1N5441A	2.4	25	1N4786A	2.4	100	1N4801A
	8.2	2.8	600	1N5462A	3.1	600	1N5682A	2.5	450	1N5442A	2.4	25	1N4787A	2.4	100	1N4802A
	10	2.8	550	1N5463A	3.2	550	1N5683A	2.6	400	1N5443A	2.4	25	1N4788A	2.4	100	1N4803A
	12	2.8	550	1N5464A	3.2	550	1N5684A	2.6	400	1N5444A	2.4	25	1N4789A	2.4	100	1N4804A
	15	2.8	550	1N5465A	3.2	550	1N5685A	2.6	400	1N5445A	2.4	25	1N4790A	2.4	100	1N4805A
	18	2.9	500	1N5466A	3.2	500	1N5686A	2.6	350	1N5446A	2.4	20	1N4791A	2.4	90	1N4806A
	20	2.9	500	1N5467A				2.6	350	1N5447A						
	22	2.9	500	1N5468A	3.3	500	1N5687A	2.6	350	1N5448A	2.4	20	1N4792A	2.4	90	1N4807A
	27	2.9	500	1N5469A	3.3	500	1N5688A	2.6	350	1N5449A	2.4	20	1N4793A	2.4	65	1N4808A
	33	2.9	500	1N5470A	3.3	500	1N5689A	2.6	350	1N5450A	2.4	20	1N4794A	2.4	60	1N4809A
	39	2.9	450	1N5471A	3.3	450	1N5690A	2.6	300	1N5451A	2.3	20	1N4795A	2.3	55	1N4810A
	47	2.9	400	1N5472A	3.3	400	1N5691A	2.6	250	1N5452A	2.3	20	1N4796A	2.3	50	1N4811A
	56	2.9	300	1N5473A	3.3	300	1N5692A	2.6	200	1N5453A	2.3	15	1N4797A	2.3	40	1N4812A
	68	2.9	250	1N5474A	3.3	250	1N5693A	2.7	175	1N5454A	2.3	15	1N4798A	2.3	30	1N4813A
	82	2.9	225	1N5475A	3.3	225	1N5694A	2.7	175	1N5455A	2.3	15	1N4799A	2.3	20	1N4814A
	100	2.9	200	1N5476A	3.3	200	1N5695A	2.7	175	1N5456A	2.2	15	1N4800A	2.2	20	1N4815A

Capacitance Tolerance: No suffix = 20%, A = 10%, B = 5%, C = 2%, and D = 1%

# Datasheet Directory



CODI Types	• High Voltage • Very Low Leakage (5nA @MWV)			• Low Voltage • Low Leakage			• Low Voltage • Very Low Leakage (5nA @MWV)			• High Q • High Voltage				
	Typical CAP Ratio 0.5V - MWV	Max. Working Voltage (MWV)	Device Type	Typical CAP Ratio 0.5V - MWV	Max. Working Voltage (MWV)	Device Type	Typical CAP Ratio 0.5V - MWV	Max. Working Voltage (MWV)	Device Type	Typical CAP Ratio 0.5V - MWV	Q @ 4.0 V 50 MHz Min.	Max. Working Voltage (MWV)	Device Type	
C <sub>T</sub> Nominal Capacitance pF ± 10% @ V = 4.0 V f = 1.0 MHz	6.8													
	7.0	6.9	100	VVC3289	4.1	25	VVC3302	4.1	25	VVC3315				
	10	6.9	100	VVC3290	4.1	25	VVC3303	4.1	25	VVC3316	6.9	50	80	VVC3328
	10										7.7	100	100	VVC3329
	10										4.5	50	30	VVC3330
	12	7.5	100	VVC3291	4.2	25	VVC3304	4.2	25	VVC3317				
	15	7.5	100	VVC3292	4.2	25	VVC3305	4.2	25	VVC3318	4.6	50	30	VVC3331
	15										5.9	125	50	VVC3332
	15										7.0	50	80	VVC3333
	15										7.9	100	100	VVC3334
	18													
	20	7.9	90	VVC3293	3.9	20	VVC3306	3.9	20	VVC3319				
	22										7.5	50	80	VVC3335
	22										8.2	100	100	VVC3336
	22										4.6	50	30	VVC3337
	22										6.0	125	50	VVC3338
	27	7.4	65	VVC3294	4.0	20	VVC3307	4.0	20	VVC3320				
	33	6.5	60	VVC3295	4.1	20	VVC3308	4.1	20	VVC3321	4.6	50	30	VVC3339
	33										6.0	125	50	VVC3340
	33										7.5	50	80	VVC3341
33										8.2	100	100	VVC3342	
39	6.3	55	VVC3296	4.1	20	VVC3309	4.1	20	VVC3322					
47	6.1	50	VVC3297	3.9	20	VVC3310	3.9	20	VVC3323	7.4	50	80	VVC3343	
47										8.0	100	100	VVC3344	
47										8.0	75	100	VVC3345	
47										4.6	50	30	VVC3346	
47										6.0	100	50	VVC3347	
56	5.7	40	VVC3298	3.5	15	VVC3311	3.5	15	VVC3324					
68	4.6	30	VVC3299	3.5	15	VVC3312	3.5	15	VVC3325					
82	4.0	20	VVC3300	3.5	15	VVC3313	3.5	15	VVC3326					
100	4.0	20	VVC3301	3.5	15	VVC3314	3.5	15	VVC3327					

Industry Types:*				
Motorola				
Crystalonics	V900E - V982E	V7 - V100	V900 - V982	VA107 - VA173
TRW	V900E - V982E	V7 - V100	V900 - V982	PC107 - PC141

\* This section is an industry type replacement cross reference list. If you are experiencing price, delivery, quality or performance problems with a competitor's device or need a second source, this cross reference list will steer you toward CODI's equivalent.