



CODI Semiconductor, Inc.

Serving the industry for over 25 years.....

CODI was born in 1959 as Computer Diode Corporation (it's name was changed in 1973 to CODI CORPORATION). CODI Semiconductor, Inc. is CODI's operating arm. For more than 25 years, CODI has produced high reliability semiconductors, specializing in the development of low leakage, low current zener diodes, tuning diodes and glass passivated rectifier diodes and bridges. We are a qualified supplier to the nation's leading military and aerospace programs, manufacturing to all provisions of MIL - S - 19500. Our quality systems meet or exceed MIL - I - 45208A. In October, 1985, CODI moved into a new high - tech facility in Kenilworth, New Jersey.

PRODUCTS QUALIFIED UNDER MILITARY SPECIFICATIONS

JEDEC Part No.	MIL - S - 19500/	JAN	JAN - TX	JAN - TXV
1N457 - 1N459	193	X	N/A	N/A*
1N746A - 1N759A	127	X	X	X
1N821 - 1N829	159	X	X	X
1N4801B - 1N4815B	329	Q	Q	Q
1N5139A - 1N5148A	383	X	X	X
1N5461B - 1N5476B	436	Q	Q	Q
1N5518B - 1N5530B	437A	X	X	X

N/A = Not Applicable
 Q = Working on Qualification
 * = Visual Inspection Available

MFR Designation = CCUR
 FSC Mfr. Code = 16352

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Individual spec sheets available.
 Contact the factory or
 your local CODI sales representative.

FORWARD REGULATOR (Multi - Pellet) DIODES

These CODI high speed multi - pellet diodes are for use in computer circuits and general purpose applications. They consist of one, two, three, or four silicon diode chips in series, mounted in a DO - 7 or DO - 35 hermetically sealed glass package. This structure makes possible devices having controlled conductance and low leakage. This controlled conductance is necessary for the design of clippers, dc coupling circuits, clamping circuits, meter protectors, bias regulators, and other types of circuits that require tight tolerances on voltage levels.

Industry Type	CODI Part Number	BV @ 5µA (V)	I _R @ 25°C Max.		V _F Max.		C ₀ @ OV Max. (pf)
			(nA)	@ V _R (V)	(V)	@ I _F (mA)	
1N4156	1N4156	30	50	20	1.58	10	25
1N4157	1N4157	30	50	20	2.32	10	20
1N4453	1N4453	30	50	20	.800	10	30
1N4828	1N4828	30	100	20	.830	10	35
1N4829	1N4829	30	100	20	1.61	10	25
1N4830	1N4830	30	100	20	2.35	10	20
1N5179	1N5179	30	50	20	3.20	10	20
MPD200	C6342	30	30	30	1.54	10	20
MPD300	C6343	60	30	30	2.33	10	15
MPD400	C6344	90	30	30	3.07	10	10
STB567	C6299	12	5000	12	1.61	10	-
STB568	C6300	12	5000	12	2.31	10	-
STB569	C6301	12	5000	12	3.01	10	-