

ECI Semiconductor offers a full family of Bipolar and MOS arrays providing rapid turn around, safeguard for proprietary product designs, and system minaturization of existing circuitry.

ECI's design features not found on competitive arrays include; increased pad size and spacing for easier bondings, increased ISO spacing and width allowing for more metal interconnect, and additional Base Diffused Resistors for customer usage. These features have enhanced the electrical performance of the arrays and allowed for a higher percentage of array utilization.

ECI's standard arrays include:

BIPOLAR

Part #	Size-Mils	Components	Voltage	Pads
ECI S020C	51 x 56	110	20V	14
ECI S020F	91 x 110	437	20V	24
ECI S020G	75 x 78	310	20V	20
ECI S020H	77 x 88	382	20V	18
ECI S020J	61 x 65	170	20V	18
ECI S020L	81 x 100	416	20V	24
ECI S020M	101 x 151	812	20V	28

MOS

Part #	Size-Mils	Logic Cells	Gates	Gate Delay	Gate Power	Voltage	Pads
ECI CMA	112 x 124	112	140	13ns	<5 μ W	3-15V	32
ECI CMB	136 x 136	162	200	13ns	<5 μ W	3-15V	38
ECI CMC	136 x 174	216	270	13ns	<5 μ W	3-15V	44
ECI CMD	174 x 174	224	440	13ns	<5 μ W	3-15V	52
ECI CM500	195 x 197	504	630	13ns	<5 μ W	3-15V	60
ECI CM600	219 x 216	640	800	13ns	<5 μ W	3-15V	68
ECI CML50	86 x 86	50	250	13ns	<5 μ W	3-15V	22

ECI can supply evaluation wafers or packaged parts in 2-4 weeks after receipt of metal mask.

DESIGN SERVICES

ECI offers complete design services to satisfy all your design needs including personalizing semi-custom arrays to meet your specifications, mask preparation and procurement, and total design of full custom products from schematics to final product.