

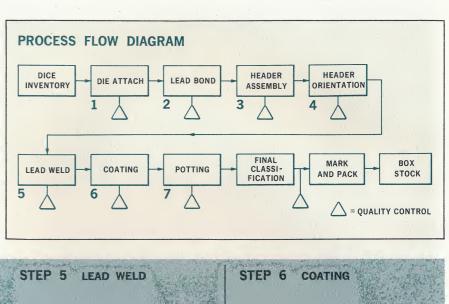
THE FAIRCHILD EPOXY TRANSISTOR

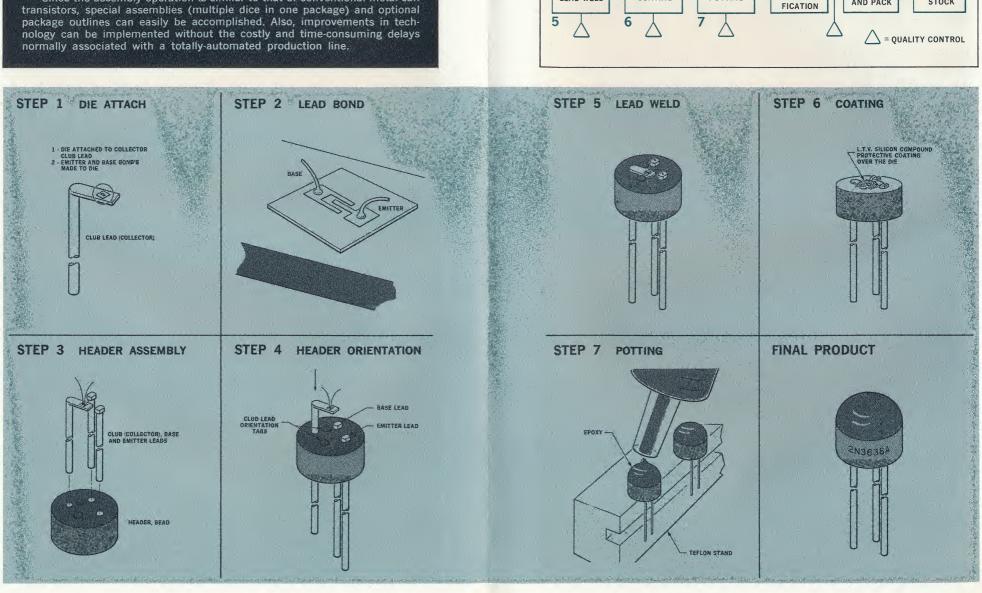
The transistor assembly technology described on the following pages was developed for the Electronics Industry to provide a low-cost, high-performance, reliable Silicon Planar Transistor — lower in cost than Germanium.

These devices have found wide-spread usage in product areas such as: T.V. sets, Radios, Test and Measuring Equipment, Communications and Computing Equipment.

Additional advantages obtained using this assembly technology are lead arrangements compatible with Standard TO-18s and TO-5s and excellent

Since the assembly operation is similar to that of conventional metal-can normally associated with a totally-automated production line.





PRICE LIST (1 THROUGH 4999)

	PACKAGE	1-99	100-999	1000-4999
2N3563	TO-18	\$1.20	\$.80	\$.72
2N3564	TO-18	.90	.60	.54
2N3565	TO-18	.90	.60	.54
2N3566	TO-5	1.50	1.00	.90
2N3567	TO-5	.90	.60	.54
2N3568	TO-5	1.30	.85	.78
2N3569	TO-5	1.35	.90	.81
† 2N3638	TO-5	.46	.31	.28
† 2N3638A	TO-5	1.00	.67	.60
† 2N3639	TO-18	.65	.43	.39
† 2N3640	TO-18	.70	.46	.42
2N3641	TO-5	.90	.60	.54
2N3642	TO-5	.95	.63	.57
2N3643	TO-5	.95	.63	.57
2N3646	TO-18	.70	.46	.42

Effective January 15, 1965

SHORT FORM CHARACTERIZATION

	min	h _{FE} max	@ I _c ma	LV _{CEO} volts	*Cob pf	*F ^r Mc
2N3563	20	200	8	12	1.4	900
2N3564	20	120	15	15	2.5	750
2N3565	150	600	1.	25	3	100
2N3566	150	600	10	30	13	40
2N3567	40	120	150	40	13	60
2N3568	40	120	150	60	13	60
2N3569	100	300	150	40	18	60
† 2N3638	30		50	25	12	150
†2N3638A	30	180	50	45	10	150
† 2N3639	30	120	10	6	1.85	750
† 2N3640	30	120	10	12	1.85	750
2N3641	40	120	150	30	6	400
2N3642	40	120	150	45	6	400
2N3643	100	300	150	30	6	400
2N3646	30	120	30	15	3.3	550

†PNP Transistors

*Typical values