2N1482 FAMILY [n-p-n] (silicon)

f_T = 1.4 MHz typ; P_T = 8.75 W max

DESCRIPTION

2N TYPES

2N1479● Medium Power DC-to-DC Converter, Inverter
2N1480● Medium Power Chopper, DC and Servo
2N1481● Medium Power Amplifier, Relay and Solenoid
2N1482● Medium Power Actuating Circuits

OTHER TYPES

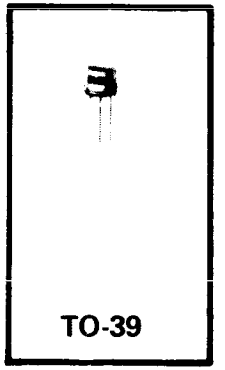
40347 Low Power Audio Driver
40348 Relay and Solenoid Driver

HIGH-RELIABILITY TYPES

40367 Hi-Rel Version of 2N1482

V_{CEO}(sus) V	V_{CER}(sus) V	V_{CEV}(sus) V	h_{FE}	I_C A	V_{CE} V	I_{CBO}–μA Temp.–°C 25	150	V_{CB} V	V_{CE}(sat)–V I_C A	I_B A	V_{BE}–V I_C A	
40	–	60	20-60	0.2	4	10	500	30	1.4	0.2	0.02	3	0.2
55	–	100	20-60	0.2	4	10	500	30	1.4	0.2	0.02	3	0.2
40	–	60	35-100	0.2	4	10	500	30	1.4	0.2	0.02	3	0.2
55	–	100	35-100	0.2	4	10	500	30	1.4	0.2	0.02	3	0.2
40	–	60	25-150	0.45	4	1	–	30	1	0.45	0.045	1.5	0.45
65	–	90	30-125	0.3	4	1	–	60	0.75	0.3	0.03	1.3	0.3
55	–	100	35-100	0.2	4	4	–	30	1.4	0.2	10	3	0.2

●JAN types available



2N1486 FAMILY [n-p-n] (silicon)

f_T = 1.2 MHz typ; P_T = 25 W max

2N TYPES

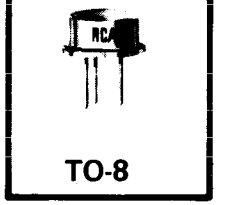
2N1483■
2N1484■
2N1485■
2N1486■
Intermediate Power DC-to-DC Converter, Inverter Chopper, Regulators, DC and Servo Amplifiers Relay and Solenoid–Actuating Circuits

HIGH-RELIABILITY TYPES

40368 Hi-Rel Version of 2N1486

40	–	60	20-60	0.75	4	15	0.75	30	2	0.75	0.075	3.5	0.75
55	–	100	20-60	0.75	4	15	0.75	30	2	0.75	0.075	3.5	0.75
40	–	60	35-100	0.75	4	15	0.75	30	0.75	0.75	0.04	2.5	0.75
55	–	100	35-100	0.75	4	15	0.75	30	0.75	0.75	0.04	2.5	0.75
55	–	100	35-100	0.75	4	9	–	30	0.75	0.75	0.04	2.5	0.75

■JAN & JAN TX types available



2N1490 FAMILY [n-p-n] (silicon)

f_T = 0.8 MHz typ; P_T = 75 W max

2N TYPES

2N1487● High Power DC-to-DC Converter, Inverter, Chopper
2N1488● Voltage and Current Regulator, DC and Servo
2N1489● Amplifier, Relay, and Solenoid
2N1490● Actuating Circuits

HIGH-RELIABILITY TYPES

40369 Hi-Rel Version of 2N1490

40	–	60	15-45	1.5	4	25	1000	30	3	1.5	0.3	3.5	1.5
55	–	100	15-45	1.5	4	25	1000	30	3	1.5	0.3	3.5	1.5
40	–	60	25-75	1.5	4	25	1000	30	1	1.5	0.1	2.5	1.5
55	–	100	25-75	1.5	4	25	1000	30	1	1.5	0.1	2.5	1.5
55	–	100	25-75	1.5	4	10	–	30	1	1.3	0.1	2.5	1.3

●JAN types available