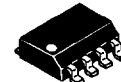
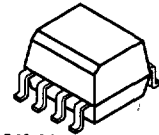


SO-8 Devices

Maximum die size 40 mil x 60 mil



CASE 751-05



CASE 846-01

RF Transistors

Device	Marking	Gain-Bandwidth		NF @ f		Gain @ f		Maximum Ratings		
		f _T Typ GHz	I _C mA	Typ dB	MHz	Typ dB	MHz	V _{(BR)CEO} Volts	I _C mA	P _T mW
MRF5583 ⁽¹⁷⁾	5583	2.1	-35	—	—	1.5	250	-30	-500	1000
MRF5943	5943	1.5	35	3.4	200	12	250	30	400	1000
MRF3866	3866	0.8	50	—	—	10.5	400	30	400	1000
MRF4427	4427	1.6	50	—	—	18	175	20	400	1000
MRFQ17	Q17	2.25	50	—	—	12	500	25	300	1000
MRF5812	5812	5.5	75	2	500	15.5	500	15	200	1500
MRF8372	8372	5	75	—	—	10	870	16	200	1500

(17)PNP

Optoisolators*

Device	Marking	Current Transfer Ratio			V _{CE(sat)}			t _r /t _f Typ				V _{(BR)CEO}	V _F	
		% Min	I _F mA	V _{CE} Volts	Volts Max	I _F mA	I _C mA	t _r μs	I _C mA	V _{CC} Volts	R _L Ω	Volts Min	Volts Max	I _F mA

TRANSISTOR OUTPUT

MOC205R1/R2	205	40-80	10	10	0.4	10	2	1.6	2	10	100	70	1.5	10
MOC206R1/R2	206	63-125	10	10	0.4	10	2	1.6	2	10	100	70	1.5	10
MOC207R1/R2	207	100-200	10	10	0.4	10	2	1.6	2	10	100	70	1.5	10
MOC211R1/R2	211	20	10	10	0.4	10	2	3.2	2	10	100	30	1.5	10
MOC212R1/R2	212	50	10	10	0.4	10	2	3.2	2	10	100	30	1.5	10
MOC213R1/R2	213	100	10	10	0.4	10	2	3.2	2	10	100	30	1.5	10
MOC215R1/R2	215	20	10	5	0.4	1	0.1	3.2	2	10	100	30	1.3	1
MOC216R1/R2	216	50	10	5	0.4	1	0.1	3.2	2	10	100	30	1.3	1
MOC217R1/R2	217	100	10	5	0.4	1	0.1	3.2	2	10	100	30	1.3	1

DARLINGTON OUTPUT

MOC221R1/R2	221	100	1	5	1	1	0.5	2	5	10	100	30	1.3	1
MOC222R1/R2	222	200	1	5	1	1	0.5	2	5	10	100	30	1.3	1
MOC223R1/R2	223	500	1	5	1	1	0.5	2	5	10	100	30	1.3	1

*Available in Tape and Reel. Add suffix R1.

See Packaging Information under Technical Data Section for reel size, quantity and ordering information.

Devices listed in bold, italic are Motorola preferred devices.