

IGBTs



Part Number	Microsemi Division	Package Outline	Type	Data Sheet ID	BVCES (V)	IC (A)	VCE(sat) (V)	Qg(on) (nC)	t(on) (nsec)	t(off) (nsec)	E(off) (mJ)	PD (W)	R θ JC (°C/W)
MSAHR55F60A	Santa Ana	Coolpack1	SM	17899	600	55	3	140	51	145	0.8	300	0.4
PPHR55F60A	PPC, Inc.	TO-254	STD	24438	600	55	3	140	51	145	0.8	300	0.4
MSAHX60L60A	Santa Ana	Coolpack1	SM	17893	600	60	2.5	150	190	800	5	300	0.4
PPHX60L60A	PPC, Inc.	TO-254	STD	24433	600	60	2.5	150	190	800	5	300	0.4
MSAGX60F60A	Santa Ana	Coolpack1	SM	22397	600	60	2.9	150	55	300	1.3	300	0.4
MSAHX60F60A	Santa Ana	Coolpack1	SM	17894	600	60	2.9	150	55	300	1.3	300	0.4
PPGX60F60A	PPC, Inc.	TO-254	STD	24441	600	60	2.9	150	55	300	1.3	300	0.4
PPHX60F60A	PPC, Inc.	TO-254	STD	24435	600	60	2.9	150	55	300	1.3	300	0.4
MSAHR70L60A	Santa Ana	Coolpack1	SM	17898	600	70	1.6	150	115	1700	15	300	0.4
PPHR70L60A	PPC, Inc.	TO-254	STD	24437	600	70	1.6	150	115	1700	15	300	0.4
MSAGX75L60A	Santa Ana	Coolpack1	SM	17902	600	75	1.8	250	260	1100	16	300	0.25
MSAHX75L60C	Santa Ana	Coolpack2	SM	22398	600	75	1.8	250	260	1100	16	300	0.25
PPGX75L60A	PPC, Inc.	TO-254	STD	24439	600	75	1.8	250	260	1100	16	300	0.25
MSAGX75F60A	Santa Ana	Coolpack1	SM	17903	600	75	2.7	250	260	475	4.8	300	0.25
PPGX75F60A	PPC, Inc.	TO-254	STD	24440	600	75	2.7	250	260	475	4.8	300	0.25
MSAHR36F120A	Santa Ana	Coolpack1	SM	17892	1200	36	3.5	140	60	390	2.5	300	0.4
PPHR36F120A	PPC, Inc.	TO-254	STD	24434	1200	36	3.5	140	60	390	2.5	300	0.4
MSAGZ52F120A	Santa Ana	Coolpack1	SM	22399	1200	52	3.2	160	120	465	2.4	300	0.4
MSAHZ52F120A	Santa Ana	Coolpack1	SM	22400	1200	52	3.2	160	120	465	2.4	300	0.4
PPGZ52F120A	PPC, Inc.	TO-254	STD	24442	1200	52	3.2	160	120	465	2.4	300	0.4
PPHZ52F120A	PPC, Inc.	TO-254	STD	24443	1200	52	3.2	160	120	465	2.4	300	0.4
MSAHR57L120A	Santa Ana	Coolpack1	SM	17897	1200	57	2	110	140	2000	26	300	0.4
PPHR57L120A	PPC, Inc.	TO-254	STD	24436	1200	57	2	110	140	2000	26	300	0.4

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Section Organization: IGBT Parametric Section is organized by ascending BVCES (volts), followed by ascending IC (amps), and then by VCEsat (volts)

General Notes:

1. Information on contacting Microsemi Divisions can be obtained on the back cover of this catalog
2. VCEsat when specified is at the rated IC.
3. For detailed VCEsat data refer to the product datasheets by using the fax on demand system or contacting the Microsemi manufacturing division.
4. Datasheets can be obtained from Microsemi's Website or Fax on Demand System by specifying the Data Sheet ID

Fax On Demand (800) 713-4113

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<http://www.microsemi.com>