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IGBT

Insulated Gate Bipolar Transistor

IGBT International Rectifier

THE POWER MANAGEMENT LEADER

Name	Package	Circuit	Switching Speed	VCE(V)	VCE(ON)	IC@25C (A)	IC@100C (A)	PD@25C
IRG4BC10K	TO220AB	DISCRETE	ULTRAFAST >5 kHz	600	2,39	9	5	38
IRG4BC20S	TO220AB	DISCRETE	DC-1 kHz (STANDARD)	600	1,60	19	10	60
IRG4BC20SD	TO220AB	COPACK	UP TO 3 kHz	600	1,40	19	10	60
IRG4BC20FD	TO220AB	COPACK	FAST 1-8 kHz	600	2,00	16	9	60
IRG4BC20FD PbF	TO220AB	COPACK	FAST 1-8 kHz	600	2,00	16	9	60
IRG4BC20KD PbF	TO220AB	COPACK	ULTRAFAST 8-25 kHz	600	2,80	16	9	60
IRG4BC20U	TO220AB	DISCRETE	ULTRAFAST 8-60 kHz	600	2,10	13	6,5	60
IRG4BC20UD	TO220AB	COPACK	ULTRAFAST 8-60 kHz	600	2,10	13	6,5	60
IRG4BC30FD PbF	TO220AB	COPACK	FAST 1-8 kHz	600	1,80	31	17	100
IRG4BC30K	TO220AB	DISCRETE	ULTRAFAST 8-25 kHz	600	2,70	28	16	100
IRG4BC30KD PbF	TO220AB	COPACK	ULTRAFAST 8-25 kHz	600	2,70	28	16	100
IRG4BC30UD	TO220AB	COPACK	ULTRAFAST 8-60 kHz	600	2,10	23	12	100
IRG4BC40S	TO220AB	DISCRETE	DC-1 kHz (STANDARD)	600	1,32	60	31	160
IRG4BC40U	TO220AB	DISCRETE	ULTRAFAST 8-60 kHz	600	2,10	40	20	160
IRG4PC30FD	TO220AB	COPACK	FAST 1-8 kHz	600	1,80	31	17	100
IRG4PC40KD	TO247AC	COPACK	ULTRAFAST 8-25 kHz	600	2,60	42	25	160
IRG4PC40F	TO247AC	DISCRETE	FAST 1-8 kHz	600	1,70	49	27	160
IRG4PC40K	TO247AC	DISCRETE	ULTRAFAST 8-25 kHz	600	2,60	42	25	160
IRG4PC40KD	TO247AC	COPACK	ULTRAFAST 8-25 kHz	600	2,60	42	25	160
IRG4PC40U	TO247AC	DISCRETE	ULTRAFAST 8-60 kHz	600	2,10	40	20	160
IRG4PC40UD	TO247AC	COPACK	ULTRAFAST 8-60 kHz	600	2,10	40	20	160
IRG4PC40W	TO247AC	DISCRETE	WARP 60-150 kHz	600	2,50	40	20	160
IRG4PC50K	TO247AC	DISCRETE	ULTRAFAST 8-25 kHz	600	2,20	52	30	200
IRG4PC50KD	TO247AC	COPACK	ULTRAFAST 8-25 kHz	600	2,20	52	30	200
IRG4PC50F	TO247AC	DISCRETE	FAST 1-8 kHz	600	1,60	70	39	200
IRG4PC50S	TO247AC	DISCRETE	DC-1 kHz (STANDARD)	600	1,36	70	41	200
IRG4PC50U	TO247AC	DISCRETE	ULTRAFAST 8-60 kHz	600	2,00	55	27	200
IRG4PC50UD	TO247AC	COPACK	ULTRAFAST 8-60 kHz	600	2,00	55	27	200
IRG4PC50W PbF	TO247AC	DISCRETE	WARP 60-150 kHz	600	2,30	55	27	200
IRG4PH30K	TO247AC	DISCRETE	ULTRAFAST 4-20 kHz	1200	4,20	20	10	100
IRG4PH40K	TO247AC	DISCRETE	ULTRAFAST 4-20 kHz	1200	3,40	30	15	160
IRG4PH40KD	TO247AC	COPACK	ULTRAFAST 4-20 kHz	1200	3,40	30	15	160
IRG4PH40U PbF	TO247AC	DISCRETE	ULTRAFAST 4-40 kHz	1200	3,50	30	15	160
IRG4PH40UD PbF	TO247AC	COPACK	ULTRAFAST 4-40 kHz	1200	3,50	30	15	160
IRG4PH50K	TO247AC	DISCRETE	ULTRAFAST 4-20 kHz	1200	3,50	45	24	200
IRG4PH50KD	TO247AC	COPACK	ULTRAFAST 4-20 kHz	1200	3,50	45	24	200
IRG4PH50U	TO247AC	DISCRETE	ULTRAFAST 4-40 kHz	1200	3,70	45	24	200
IRG4PH50UD	TO247AC	COPACK	ULTRAFAST 4-40 kHz	1200	3,70	45	24	200