

Insulated Gate Bipolar Transistors (IGBTs)

Selection Guide

V_{CE}	$V_{CE(SAT)}$	I_C	t_f	P_D	TYPE NUMBER	TECHNOLOGY	ENVELOPE
(V)	(V)	(A)	(μs)	(W)			

400	2.2	15	10	125	BUK856-400IZ	Protected L ² IGBT	TO220AB
400	2.2	15	10	125	BUK866-400IZ	Protected L ² IGBT	SOT404
800	3.5	12	0.4	85	BUK854-800A	Fast IGBT	TO220AB
800	3.5	24	0.4	125	BUK856-800A	Fast IGBT	TO220AB

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(V)	(V)	(A)	(μs)	(W)			

REPLACED / WITHDRAWN TYPES

The following type numbers were in the previous issue of this handbook, but are not in the current version:

TYPE NUMBER	REPLACED BY	REASON FOR DELETION
BUK105-50L	see BUK104/106-50L	
BUK105-50LP	see BUK104/106-50LP	
BUK105-50S	see BUK104/106-50S	
BUK105-50SP	see BUK104/106-50SP	
BUK444-400B	PHX4N40E	
BUK444-500B	PHX3N50E	
BUK444-600B	PHX2N60E	
BUK445-400B	PHX5N40E	
BUK445-500B	PHX4N50E	
BUK445-600B	PHX3N60E	
BUK454-400B	PHP4N40E	
BUK454-500B	PHP3N50E	
BUK454-600B	PHP2N60E	
BUK455-400B	PHP5N40E	
BUK455-500B	PHP4N50E	
BUK455-600B	PHP3N60E	
BUK457-400B	PHP10N40E	
BUK457-500B	PHP8N50E	
BUK457-600B	PHP6N60E	
BUK655-500B		non preferred
BUK657-400B		non preferred
BUK657-500B		non preferred
BUK854-500IS	see BUK856-400IZ	
BUK856-450IX	see BUK856-400IZ	