



**THE DATASHEET OF  
IRG6I330U-110P**





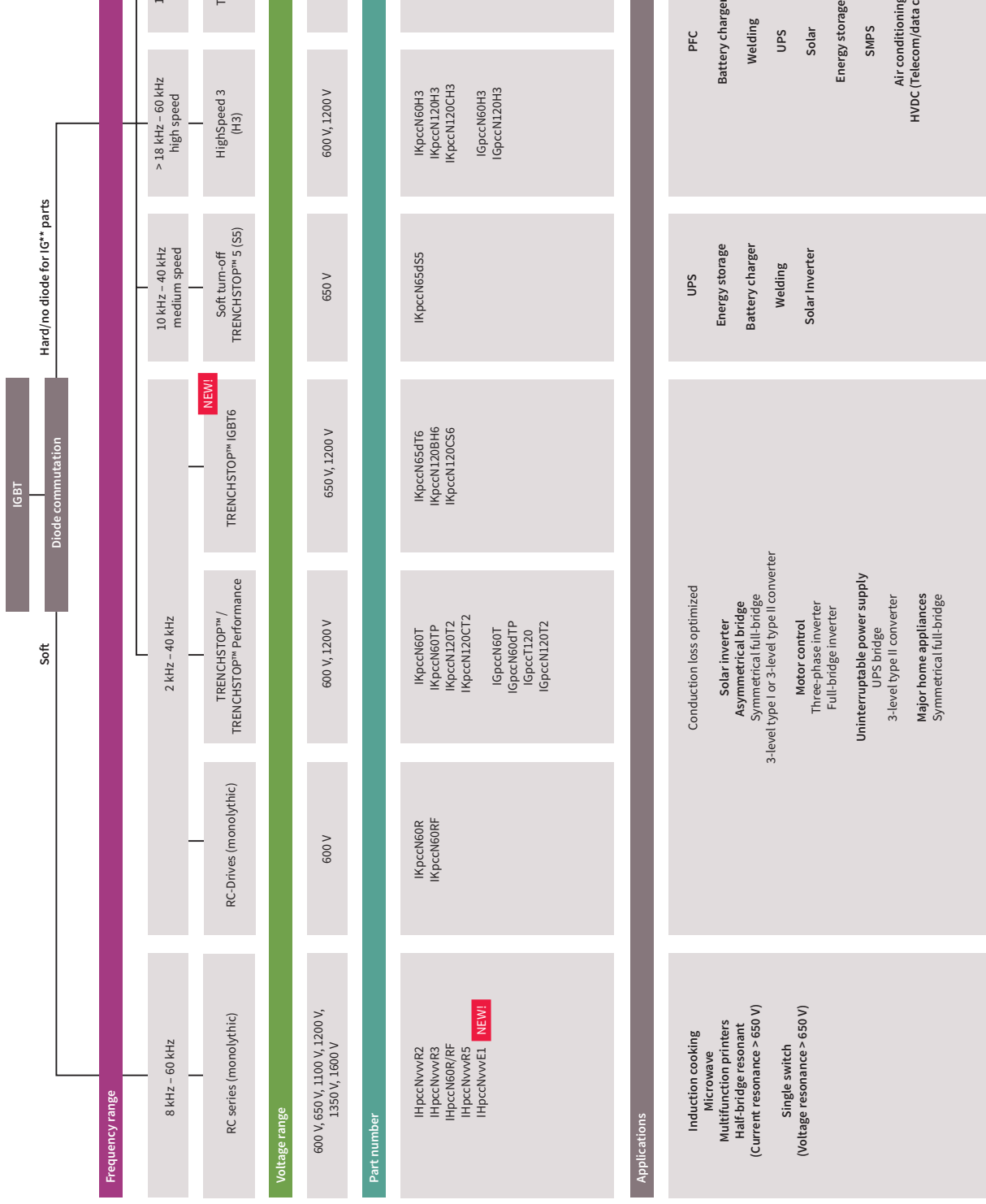
# IGBT Selection Guide

Common IGBT applications and topologies

[www.infineon.com/igbt](http://www.infineon.com/igbt)

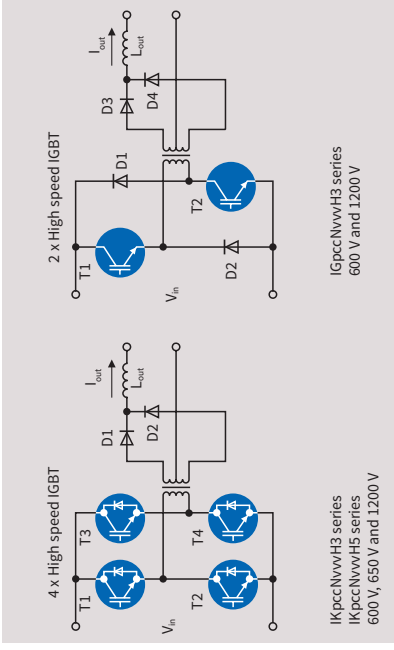


# IGBT selection tree

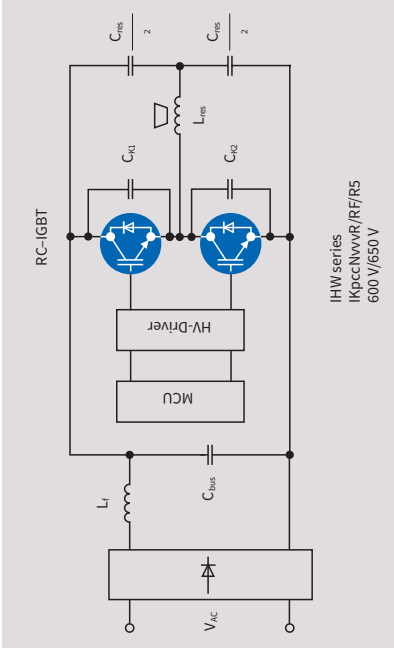


# Common IGBT applications and topologies

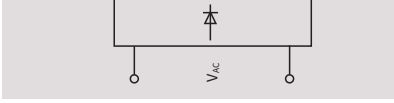
## Full-bridge/two transistor forward: welding inverter



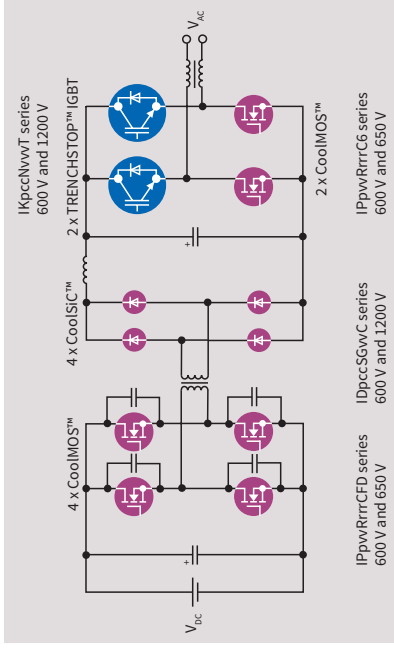
## Half-bridge: induction heating inverter (current resonance)



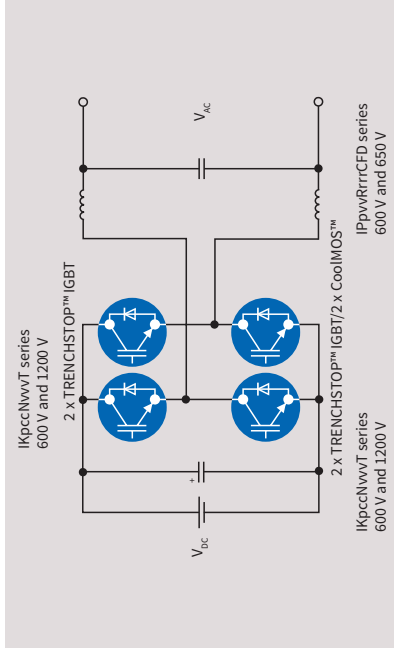
## Single switch



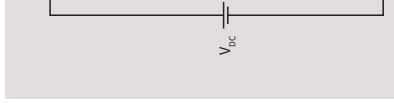
## Asymmetrical full-bridge: solar inverter (phase-shift / asymmetrical full-bridge)



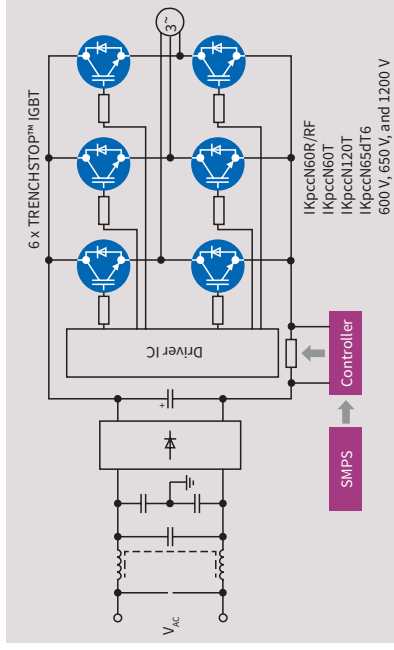
## Symmetrical full-bridge: solar inverter (symmetrical full-bridge)



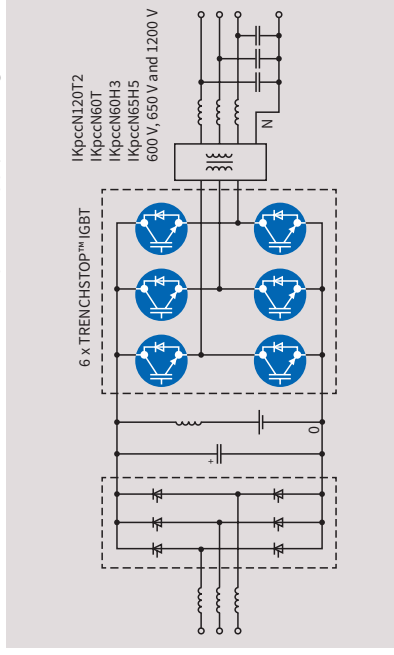
## Three level



## Motor control: three-phase motor control



## Uninterruptable power supply: universal power supply b6-bridge



## Discrete IGBT with anti-parallel diode

Product type	$V_{CE(max)}$ [V]	Diode	Switching frequency [kHz]	Package	Switching Hard/Soft	Series	$I_{C(max)}$ @ 100° [A]	$V_{CE(sat)}$ (typ) [V]
IKB20N60H3	600	Y	20 – 100	D2PAK (TO-263)	Hard	HighSpeed 3	20	1,95
IKP20N60H3	600	Y	20 – 100	TO-220	Hard	HighSpeed 3	20	1,95
IKW20N60H3	600	Y	20 – 100	TO-247	Hard	HighSpeed 3	20	1,95
IKW30N60H3	600	Y	20 – 100	TO-247	Hard	HighSpeed 3	30	1,95
IKW40N60H3	600	Y	20 – 100	TO-247	Hard	HighSpeed 3	40	1,95
IKW50N60H3	600	Y	20 – 100	TO-247	Hard	HighSpeed 3	50	1,85
IKW60N60H3	600	Y	20 – 100	TO-247	Hard	HighSpeed 3	60	1,85
IKW75N60H3	600	Y	20 – 100	TO-247	Hard	HighSpeed 3	75	1,85
IKD04N60R	600	Y	2 – 20	DPAK (TO-252)	Hard	RC Drives	4	1,65
IKD06N60R	600	Y	2 – 20	DPAK (TO-252)	Hard	RC Drives	6	1,65
IKD10N60R	600	Y	2 – 20	DPAK (TO-252)	Hard	RC Drives	10	1,65
IKD15N60R	600	Y	2 – 20	DPAK (TO-252)	Hard	RC Drives	15	1,65
IKD03N60RF	600	Y	4 – 30	DPAK (TO-252)	Hard	RC Drives Fast	2,5	2,20
IKD04N60RF	600	Y	4 – 30	DPAK (TO-252)	Hard	RC Drives Fast	4	2,20
IKD06N60RF	600	Y	4 – 30	DPAK (TO-252)	Hard	RC Drives Fast	6	2,20
IKD10N60RF	600	Y	4 – 30	DPAK (TO-252)	Hard	RC Drives Fast	10	2,20
IKD15N60RF	600	Y	4 – 30	DPAK (TO-252)	Hard	RC Drives Fast	15	2,20
IHW40N60R	600	Y	8 – 60	TO-247	Soft	RC Soft Switching	40	1,65
IHW40N60RF	600	Y	20 – 100	TO-247	Soft	RC Soft Switching	40	1,85
IKB06N60T	600	Y	2 – 20	D2PAK (TO-263)	Hard	TRENCHSTOP™	6	1,50
IKB10N60T	600	Y	2 – 20	D2PAK (TO-263)	Hard	TRENCHSTOP™	18	1,50
IKB15N60T	600	Y	2 – 20	D2PAK (TO-263)	Hard	TRENCHSTOP™	23	1,50
IKB20N60T	600	Y	2 – 20	D2PAK (TO-263)	Hard	TRENCHSTOP™	15	1,50
IKA06N60T	600	Y	2 – 20	TO-220	Hard	TRENCHSTOP™	6,2	1,50
IKA10N60T	600	Y	2 – 20	TO-220	Hard	TRENCHSTOP™	7,2	1,50
IKA15N60T	600	Y	2 – 20	TO-220	Hard	TRENCHSTOP™	8,9	1,50
IKP04N60T	600	Y	2 – 20	TO-220	Hard	TRENCHSTOP™	4	1,50
IKP06N60T	600	Y	2 – 20	TO-220	Hard	TRENCHSTOP™	6	1,50
IKP10N60T	600	Y	2 – 20	TO-220	Hard	TRENCHSTOP™	18	1,50
IKP15N60T	600	Y	2 – 20	TO-220	Hard	TRENCHSTOP™	23	1,50
IKP20N60T	600	Y	2 – 20	TO-220	Hard	TRENCHSTOP™	28	1,50
IKW20N60T	600	Y	2 – 20	TO-247	Hard	TRENCHSTOP™	28	1,50
IKW30N60T	600	Y	2 – 20	TO-247	Hard	TRENCHSTOP™	39	1,50
IKW50N60T	600	Y	2 – 20	TO-247	Hard	TRENCHSTOP™	50	1,50
IKW75N60T	600	Y	2 – 20	TO-247	Hard	TRENCHSTOP™	75	1,50
IKQ100N60T	600	Y	2 – 20	TO-247PLUS-3	Hard	TRENCHSTOP™	100	1,50
IKQ120N60T	600	Y	2 – 20	TO-247PLUS-3	Hard	TRENCHSTOP™	120	1,50
IKW30N60DTP	600	Y	2 – 30	TO-247	Hard	TRENCHSTOP™ Perf.	38	1,60
IKW40N60DTP	600	Y	2 – 30	TO-247	Hard	TRENCHSTOP™ Perf.	48	1,60
IKW50N60DTP	600	Y	2 – 30	TO-247	Hard	TRENCHSTOP™ Perf.	61	1,60
IKP08N65F5	650	Y	60 – 120	TO-220	Hard	TRENCHSTOP™ 5	11	1,60
IKP08N65H5	650	Y	30 – 100	TO-220	Hard	TRENCHSTOP™ 5	11	1,65
IKP15N65F5	650	Y	60 – 120	TO-220	Hard	TRENCHSTOP™ 5	18	1,60

Product type	V <sub>CE(max)</sub> [V]	Diode	Switching frequency [kHz]	Package	Switching Hard/Soft	Series	I <sub>C(max)</sub> @ 100° [A]	V <sub>CE(sat)</sub> (typ) [V]
IKP15N65H5	650	Y	30 – 100	TO-220	Hard	TRENCHSTOP™ 5	18	1,65
IKP20N65F5	650	Y	60 – 120	TO-220	Hard	TRENCHSTOP™ 5	21	1,60
IKP20N65H5	650	Y	30 – 100	TO-220	Hard	TRENCHSTOP™ 5	21	1,65
IKP30N65F5	650	Y	60 – 120	TO-220	Hard	TRENCHSTOP™ 5	35	1,60
IKP30N65H5	650	Y	30 – 100	TO-220	Hard	TRENCHSTOP™ 5	35	1,65
IKP40N65F5	650	Y	60 – 120	TO-220	Hard	TRENCHSTOP™ 5	46	1,60
IKP40N65H5	650	Y	30 – 100	TO-220	Hard	TRENCHSTOP™ 5	46	1,65
IKA08N65F5	650	Y	60 – 120	TO220-3 FP	Hard	TRENCHSTOP™ 5	6,8	1,60
IKA08N65H5	650	Y	30 – 100	TO220-3 FP	Hard	TRENCHSTOP™ 5	6,8	1,65
IKA15N65F5	650	Y	60 – 120	TO220-3 FP	Hard	TRENCHSTOP™ 5	8,5	1,60
IKA15N65H5	650	Y	30 – 100	TO220-3 FP	Hard	TRENCHSTOP™ 5	8,5	1,65
IHW20N65R5	650	Y	20 – 150	TO-247	Soft	TRENCHSTOP™ 5	20	1,35
IHW30N65R5	650	Y	20 – 150	TO-247	Soft	TRENCHSTOP™ 5	30	1,35
IHW40N65R5	650	Y	20 – 150	TO-247	Soft	TRENCHSTOP™ 5	40	1,35
IHW50N65R5	650	Y	20 – 150	TO-247	Soft	TRENCHSTOP™ 5	50	1,35
IKW30N65EL5	650	Y	50 Hz - 20 kHz	TO-247	Hard	TRENCHSTOP™ 5	62	1,05
IKW30N65H5	650	Y	30 – 100	TO-247	Hard	TRENCHSTOP™ 5	35	1,65
IKW30N65NL5	650	Y	50 Hz - 20 kHz	TO-247	Hard	TRENCHSTOP™ 5	62	1,05
IKW30N65WR5	650	Y	20 – 60	TO-247	Hard	TRENCHSTOP™ 5	30	1,40
IKW40N65F5	650	Y	60 – 120	TO-247	Hard	TRENCHSTOP™ 5	46	1,60
IKW40N65H5	650	Y	30 – 100	TO-247	Hard	TRENCHSTOP™ 5	46	1,65
IKW40N65WR5	650	Y	20 – 60	TO-247	Hard	TRENCHSTOP™ 5	40	1,40
IKW50N65EH5	650	Y	30 – 100	TO-247	Hard	TRENCHSTOP™ 5	50	1,65
IKW50N65F5	650	Y	60 – 120	TO-247	Hard	TRENCHSTOP™ 5	56	1,60
IKW50N65H5	650	Y	30 – 100	TO-247	Hard	TRENCHSTOP™ 5	56	1,65
IKW50N65WR5	650	Y	20 – 60	TO-247	Hard	TRENCHSTOP™ 5	50	1,40
IKW75N65EH5	650	Y	30 – 100	TO-247	Hard	TRENCHSTOP™ 5	75	1,65
IKW75N65EL5	650	Y	50 Hz - 20 kHz	TO-247	Hard	TRENCHSTOP™ 5	80	1,10
IKZ50N65ES5	650	Y	15 – 40	TO-247-4	Hard	TRENCHSTOP™ 5	60,5	1,35
IKZ75N65ES5	650	Y	15 – 40	TO-247-4	Hard	TRENCHSTOP™ 5	80	1,42
IKZ50N65EH5	650	Y	30 – 100	TO-247-4	Hard	TRENCHSTOP™ 5	54	1,65
IKZ50N65NH5	650	Y	30 – 100	TO-247-4	Hard	TRENCHSTOP™ 5	54	1,65
IKZ75N65EH5	650	Y	30 – 100	TO-247-4	Hard	TRENCHSTOP™ 5	75	1,65
IKZ75N65EL5	650	Y	50 Hz - 20 kHz	TO-247-4	Hard	TRENCHSTOP™ 5	100	1,10
IKZ75N65NH5	650	Y	30 – 100	TO-247-4	Hard	TRENCHSTOP™ 5	75	1,65
IKW30N65ES5	650	Y	10 – 30	TO-247	Hard	TRENCHSTOP™ 5	39,5	1,35
IKW40N65ES5	650	Y	10 – 30	TO-247	Hard	TRENCHSTOP™ 5	50	1,35
IKW50N65ES5	650	Y	10 – 30	TO-247	Hard	TRENCHSTOP™ 5	60,5	1,35
IKW75N65ES5	650	Y	10 – 30	TO-247	Hard	TRENCHSTOP™ 5	80	1,42
IKA08N65ET6	650	Y	5 – 30	TO220-3 FP	Hard	TRENCHSTOP™ IGBT6	7	1,5
IKA10N65ET6	650	Y	5 – 30	TO220-3 FP	Hard	TRENCHSTOP™ IGBT6	9	1,5
IKA15N65ET6	650	Y	5 – 30	TO220-3 FP	Hard	TRENCHSTOP™ IGBT6	11	1,5
IHW30N110R3	1100	Y	8 – 60	TO-247	Soft	RC Soft Switching	30	1,55
IKW15N120H3	1200	Y	20 – 100	TO-247	Hard	HighSpeed 3	15	2,05
IKW15N120T2	1200	Y	2 – 20	TO-247	Hard	HighSpeed 3	15	2,20

Product type	V <sub>CE(max)</sub> [V]	Diode	Switching frequency [kHz]	Package	Switching Hard/Soft	Series	I <sub>C(max)</sub> @ 100° [A]	V <sub>CE(sat)</sub> (typ) [V]
IKW25N120H3	1200	Y	20 – 100	TO-247	Hard	HighSpeed 3	25	2,05
IKW40N120H3	1200	Y	20 – 100	TO-247	Hard	HighSpeed 3	40	2,05
IKQ40N120CH3	1200	Y	18 – 60	TO-247PLUS-3	Hard	HighSpeed 3	40	2,00
IKQ50N120CH3	1200	Y	18 – 60	TO-247PLUS-3	Hard	HighSpeed 3	50	2,00
IKQ75N120CH3	1200	Y	18 – 60	TO-247PLUS-3	Hard	HighSpeed 3	75	2,00
IKV40N120CH3	1200	Y	18 – 60	TO-247PLUS-4	Hard	HighSpeed 3	40	2,00
IKV50N120CH3	1200	Y	18 – 60	TO-247PLUS-4	Hard	HighSpeed 3	50	2,00
IKY75N120CH3	1200	Y	18 – 60	TO-247PLUS-4	Hard	HighSpeed 3	75	2,00
IHW15N120E1	1200	Y	8 – 60	TO-247	Soft	RC Soft Switching	15	1,50
IHW15N120R3	1200	Y	8 – 60	TO-247	Soft	RC Soft Switching	15	1,48
IHW20N120R3	1200	Y	8 – 60	TO-247	Soft	RC Soft Switching	20	1,48
IHW20N120R5	1200	Y	8 – 60	TO-247	Soft	RC Soft Switching	20	1,55
IHW25N120E1	1200	Y	8 – 60	TO-247	Soft	RC Soft Switching	25	1,50
IHW25N120R2	1200	Y	8 – 60	TO-247	Soft	RC Soft Switching	25	1,60
IHW30N120R3	1200	Y	8 – 60	TO-247	Soft	RC Soft Switching	30	1,55
IHW40N120R3	1200	Y	8 – 60	TO-247	Soft	RC Soft Switching	40	1,55
IKW08T120	1200	Y	2 – 20	TO-247	Hard	TRENCHSTOP™	8	2,20
IKW25T120	1200	Y	2 – 20	TO-247	Hard	TRENCHSTOP™	25	2,20
IKW40T120	1200	Y	2 – 20	TO-247	Hard	TRENCHSTOP™	40	2,30
IKW15T120	1200	Y	2 – 20	TO-247	Hard	TRENCHSTOP™ 2	15	2,20
IKW25N120T2	1200	Y	2 – 20	TO-247	Hard	TRENCHSTOP™ 2	25	2,20
IKW40N120T2	1200	Y	2 – 20	TO-247	Hard	TRENCHSTOP™ 2	40	2,30
IKQ40N120CT2	1200	Y	2 – 20	TO-247PLUS-3	Hard	TRENCHSTOP™ 2	40	1,75
IKQ50N120CT2	1200	Y	2 – 20	TO-247PLUS-3	Hard	TRENCHSTOP™ 2	50	1,75
IKQ75N120CT2	1200	Y	2 – 20	TO-247PLUS-3	Hard	TRENCHSTOP™ 2	75	1,75
IHW20N135R3	1350	Y	8 – 60	TO-247	Soft	RC Soft Switching	20	1,60
IHW20N135R5	1350	Y	8 – 60	TO-247	Soft	RC Soft Switching	20	1,65
IHW30N135R3	1350	Y	8 – 60	TO-247	Soft	RC Soft Switching	30	1,65
IHW40N135R3	1350	Y	8 – 60	TO-247	Soft	RC Soft Switching	40	1,65
IHW30N160R2	1600	Y	8 – 60	TO-247	Soft	RC Soft Switching	30	2,35
SKB02N120	1200	Y	10 – 40	D2PAK (TO-263)	Hard	Fast	2.8	3,7
SKP02N120	1200	Y	10 – 40	TO-220	Hard	Fast	2.8	3,7
IKW15N120BH6	1200	Y	20 – 40	TO-247	Hard	TRENCHSTOP™ IGBT6	15	1,9
IKW40N120CS6	1200	Y	15 – 35	TO-247	Hard	TRENCHSTOP™ IGBT6	40	1,85
IKY40N120CS6	1200	Y	15 – 35	TO-247PLUS-4	Hard	TRENCHSTOP™ IGBT6	40	1,85
IKQ75N120CS6	1200	Y	15 – 35	TO-247PLUS-3	Hard	TRENCHSTOP™ IGBT6	75	1,85
IKY75N120CS6	1200	Y	15 – 35	TO-247PLUS-4	Hard	TRENCHSTOP™ IGBT6	75	1,85
IKB15N65EH5	650	Y	30 – 100	D2PAK (TO-263)	Hard	TRENCHSTOP™ 5	32	1,65
IKB20N65EH5	650	Y	30 – 100	D2PAK (TO-263)	Hard	TRENCHSTOP™ 5	40	1,65
IKB30N65EH5	650	Y	30 – 100	D2PAK (TO-263)	Hard	TRENCHSTOP™ 5	40	1,65
IKB30N65ES5	650	Y	10 – 30	D2PAK (TO-263)	Hard	TRENCHSTOP™ 5	40	1,35
IKB40N65ES5	650	Y	10 – 30	D2PAK (TO-263)	Hard	TRENCHSTOP™ 5	40	1,35
IKB40N65EH5	650	Y	30 – 100	D2PAK (TO-263)	Hard	TRENCHSTOP™ 5	40	1,65
IKB40N65EF5	650	Y	60 – 120	D2PAK (TO-263)	Hard	TRENCHSTOP™ 5	46	1,6
IKFW40N60DH3E	600	Y	20 – 100	Advanced Isolation TO-247	Hard	HighSpeed 3	44	2,3

Product type	$V_{CE(max)}$ [V]	Diode	Switching frequency [kHz]	Package	Switching Hard/Soft	Series	$I_{C(max)}$ @ 100° [A]	$V_{CE(sat)}$ (typ) [V]
IKFW50N60DH3E	600	Y	20 – 100	Advanced Isolation TO-247	Hard	HighSpeed 3	60	2,2
IKFW60N60DH3E	600	Y	20 – 100	Advanced Isolation TO-247	Hard	HighSpeed 3	74	2,2
IKFW50N60DH3	600	Y	20 – 100	Advanced Isolation TO-247	Hard	HighSpeed 3	60	1,85
IKFW60N60DH3	600	Y	20 – 100	Advanced Isolation TO-247	Hard	HighSpeed 3	63	1,85
IKFW90N60DH3	600	Y	20 – 100	Advanced Isolation TO-247	Hard	HighSpeed 3	95	1,85
IKFW50N60ET	600	Y	2 – 20	Advanced Isolation TO-247	Hard	TRENCHSTOP™	64	1,50
IKFW75N60ET	600	Y	2 – 20	Advanced Isolation TO-247	Hard	TRENCHSTOP™	95	1,50

\* Soft Switching

## Discrete IGBT without anti-parallel diode

Product type	$V_{CE(max)}$ [V]	Diode	Switching frequency [kHz]	Package	Switching Hard/Soft	Series	$I_{C(max)}$ @ 100° [A]	$V_{CE(sat)}$ (typ) [V]
IGA30N60H3	600	No	20 – 100	TO220-3 FP	Hard	HighSpeed 3	11	1.95
IGB20N60H3	600	No	20 – 100	D2PAK (TO-263)	Hard	HighSpeed 3	20	1.95
IGB30N60H3	600	No	20 – 100	D2PAK (TO-263)	Hard	HighSpeed 3	30	1.95
IGP20N60H3	600	No	20 – 100	TO-220	Hard	HighSpeed 3	20	1.95
IGP30N60H3	600	No	20 – 100	TO-220	Hard	HighSpeed 3	30	1.95
IGW100N60H3	600	No	20 – 100	TO-247	Hard	HighSpeed 3	120	1.85
IGW20N60H3	600	No	20 – 100	TO-247	Hard	HighSpeed 3	20	1.95
IGW30N60H3	600	No	20 – 100	TO-247	Hard	HighSpeed 3	30	1.95
IGW40N60H3	600	No	20 – 100	TO-247	Hard	HighSpeed 3	40	1.95
IGW50N60H3	600	No	20 – 100	TO-247	Hard	HighSpeed 3	50	1.85
IGW60N60H3	600	No	20 – 100	TO-247	Hard	HighSpeed 3	60	1.85
IGW75N60H3	600	No	20 – 100	TO-247	Hard	HighSpeed 3	75	1.85
IGB15N60T	600	No	2 – 20	D2PAK (TO-263)	Hard	TRENCHSTOP™	18	1.5
IGB15N60T	600	No	2 – 20	D2PAK (TO-263)	Hard	TRENCHSTOP™	23	1.5
IGB30N60T	600	No	2 – 20	D2PAK (TO-263)	Hard	TRENCHSTOP™	39	1.5
IGB50N60T	600	No	2 – 20	D2PAK (TO-263)	Hard	TRENCHSTOP™	90	1.5
IGD06N60T	600	No	2 – 20	DPAK (TO-252)	Hard	TRENCHSTOP™	6	1.5
IGP06N60T	600	No	2 – 20	TO-220	Hard	TRENCHSTOP™	6	1.5
IGP10N60T	600	No	2 – 20	TO-220	Hard	TRENCHSTOP™	18	1.5
IGP15N60T	600	No	2 – 20	TO-220	Hard	TRENCHSTOP™	23	1.5
IGP50N60T	600	No	2 – 20	TO-220	Hard	TRENCHSTOP™	64	1.5
IGU04N60T	600	No	2 – 20	TO-251	Hard	TRENCHSTOP™	4	1.5
IGW30N60T	600	No	2 – 20	TO-247	Hard	TRENCHSTOP™	39	1.5
IGW50N60T	600	No	2 – 20	TO-247	Hard	TRENCHSTOP™	64	1.5
IGW75N60T	600	No	2 – 20	TO-247	Hard	TRENCHSTOP™	75	1.5
IGW30N60TP	600	No	2 – 30	TO-247	Hard	TRENCHSTOP™ Perf.	38	1.6
IGW40N60TP	600	No	2 – 30	TO-247	Hard	TRENCHSTOP™ Perf.	48	1.6
IGW50N60TP	600	No	2 – 30	TO-247	Hard	TRENCHSTOP™ Perf.	61	1.6
IGP20N65F5	650	No	60 – 120	TO-220	Hard	TRENCHSTOP™ 5	21	1.6
IGP20N65H5	650	No	30 – 100	TO-220	Hard	TRENCHSTOP™ 5	21	1.65
IGP30N65F5	650	No	60 – 120	TO-220	Hard	TRENCHSTOP™ 5	35	1.6

Product type	V <sub>CE(max)</sub> [V]	Diode	Switching frequency [kHz]	Package	Switching Hard/Soft	Series	I <sub>C(max)</sub> @ 100° [A]	V <sub>CE(sat)</sub> (typ) [V]
IGP30N65H5	650	No	30 – 100	TO-220	Hard	TRENCHSTOP™ 5	35	1.65
IGP40N65F5	650	No	60 – 120	TO-220	Hard	TRENCHSTOP™ 5	46	1.6
IGP40N65H5	650	No	30 – 100	TO-220	Hard	TRENCHSTOP™ 5	46	1.6
IGW30N65L5	650	No	50 Hz – 20 kHz	TO-247	Hard	TRENCHSTOP™ 5	62	1.05
IGW40N65F5	650	No	60 – 120	TO-247	Hard	TRENCHSTOP™ 5	46	1.6
IGW40N65H5	650	No	30 – 100	TO-247	Hard	TRENCHSTOP™ 5	46	1.65
IGW50N65F5	650	No	60 – 120	TO-247	Hard	TRENCHSTOP™ 5	56	1.6
IGW50N65H5	650	No	30 – 100	TO-247	Hard	TRENCHSTOP™ 5	56	1.65
IGW75N65H5	650	No	30 – 100	TO-247	Hard	TRENCHSTOP™ 5	75	1.65
IGZ100N65H5	650	No	30 – 100	TO-247-4	Hard	TRENCHSTOP™ 5	101	1.65
IGZ50N65H5	650	No	30 – 100	TO-247-4	Hard	TRENCHSTOP™ 5	54	1.65
IGZ75N65H5	650	No	30 – 100	TO-247-4	Hard	TRENCHSTOP™ 5	75	1.65
IGW30N100T	1000	No	2 – 20	TO-247	Hard	TRENCHSTOP™	30	1.55
SGB02N120	1200	No	10 – 40	D2PAK (TO-263)	Hard	Fast	2.8	3.7
SGB07N120	1200	No	10 – 40	D2PAK (TO-263)	Hard	Fast	7.9	3.7
SGB15N120	1200	No	10 – 40	D2PAK (TO-263)	Hard	Fast	15	3.7
SGD02N120	1200	No	10 – 40	DPAK (TO-252)	Hard	Fast	2.8	3.7
SGP02N120	1200	No	10 – 40	TO-220	Hard	Fast	2.8	3.7
SGP07N120	1200	No	10 – 40	TO-220	Hard	Fast	7.9	3.7
SGP15N120	1200	No	10 – 40	TO-220	Hard	Fast	15	3.7
IGW15N120H3	1200	No	20 – 100	TO-247	Hard	HighSpeed 3	15	2.05
IGW25N120H3	1200	No	20 – 100	TO-247	Hard	HighSpeed 3	25	2.05
IGW40N120H3	1200	No	20 – 100	TO-247	Hard	HighSpeed 3	40	2.05
IGW08T120	1200	No	2 – 20	TO-247	Hard	TRENCHSTOP™	8	2.2
IGW15T120	1200	No	2 – 20	TO-247	Hard	TRENCHSTOP™	15	2.2
IGW25T120	1200	No	2 – 20	TO-247	Hard	TRENCHSTOP™	25	2.2
IGW40T120	1200	No	2 – 20	TO-247	Hard	TRENCHSTOP™	40	2.3
IGW60T120	1200	No	2 – 20	TO-247	Hard	TRENCHSTOP™	60	2.3
IGB15N65S5	650	No	10 – 30	D2PAK (TO-263)	Hard	TRENCHSTOP™ 5	23	1.35
IGB20N65S5	650	No	10 – 30	D2PAK (TO-263)	Hard	TRENCHSTOP™ 5	28	1.35
IGB50N65H5	650	No	30 – 100	D2PAK (TO-263)	Hard	TRENCHSTOP™ 5	53.7	1.65
IGB50N65S5	650	No	10 – 30	D2PAK (TO-263)	Hard	TRENCHSTOP™ 5	63	1.35

Published by  
Infineon Technologies Austria AG  
9500 Villach, Austria

© 2018 Infineon Technologies AG.  
All Rights Reserved.

Order number: B133-10528-V1-7600-EU-EC  
Date: 05 / 2018

**Please note!**

THIS DOCUMENT IS FOR INFORMATION PURPOSES ONLY AND ANY INFORMATION GIVEN HEREIN SHALL IN NO EVENT BE REGARDED AS A WARRANTY, GUARANTEE OR DESCRIPTION OF ANY FUNCTIONALITY, CONDITIONS AND/OR QUALITY OF OUR PRODUCTS OR ANY SUITABILITY FOR A PARTICULAR PURPOSE. WITH REGARD TO THE TECHNICAL SPECIFICATIONS OF OUR PRODUCTS, WE KINDLY ASK YOU TO REFER TO THE RELEVANT PRODUCT DATA SHEETS PROVIDED BY US. OUR CUSTOMERS AND THEIR TECHNICAL DEPARTMENTS ARE REQUIRED TO EVALUATE THE SUITABILITY OF OUR PRODUCTS FOR THE INTENDED APPLICATION.

WE RESERVE THE RIGHT TO CHANGE THIS DOCUMENT AND/OR THE INFORMATION GIVEN HEREIN AT ANY TIME.



**Additional Information**  
For further delivery terms and office (www.infineon.com)

**Warnings**  
Due to technical reasons on the

Except as otherwise stated in the conditions, including where a failure

## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

-  [View IRG6I330U-110P on WIN SOURCE](#)
-  [Infineon Technologies Information](#)

## Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management