

IGBT- Leistungsmodule

IGBT- Power Modules

Typ Type	V_{CE} V	I_C A	R_{thJC} K/W	P_{tot} W	$V_{CEsat(typ.)}$ V	Bestellnummer Ordering Code	Bild Figure
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Halbbrücken

Half-Bridges

BSM 25 GB 120 DN 2	1200	2 × 25	≤ 0.6	200	2.7	C67076-A2109-A70	17b
BSM 35 GB 120 DN 2	1200	2 × 35	≤ 0.44	280	2.7	C67070-A2111-A70	17b
BSM 50 GB 120 DN 2	1200	2 × 50	≤ 0.30	400	2.7	C67076-A2105-A70	17b
BSM 75 GB 120 DN 2	1200	2 × 75	≤ 0.2	625	2.7	C67076-A2106-A70	17b
BSM 100 GB 120 DN 2	1200	2 × 100	≤ 0.16	800	2.7	C67076-A2107-A70	14a
BSM 100 GB 120 DN 2 K	1200	2 × 100	≤ 0.18	700	2.7	C67070-A2107-A70	17b
BSM 150 GB 120 DN 2	1200	2 × 150	≤ 0.1	1250	2.7	C67076-A2108-A70	14a
BSM 200 GB 120 DN 2	1200	2 × 200	≤ 0.09	1400	2.7	C67070-A2300-A70	14a
BSM 50 GB 170 DN 2	1700	2 × 50	≤ 0.25	500	3.5	C67070-A2701-A67	17b
BSM 75 GB 170 DN 2	1700	2 × 75	≤ 0.2	625	3.5	C67070-A2702-A67	17b
BSM 100 GB 170 DN 2	1700	2 × 100	≤ 0.13	1000	3.5	C67070-A2703-A67	14a
BSM 150 GB 170 DN 2	1700	2 × 150	≤ 0.1	1250	3.5	C67070-A2704-A67	14a
BSM 400 GB 60 DN 2	600	2 × 400	≤ 0.9	1400	2.1	C67070-A2120-A67	14a

Chopper

Choppers

BSM 50 GAL 120 DN 2	1200	50	≤ 0.31	400	2.7	C67076-A2010-A70	17c
BSM 75 GAL 120 DN 2	1200	75	≤ 0.20	625	2.7	C67076-A2011-A70	17c
BSM 100 GAL 120 DN 2	1200	100	≤ 0.16	800	2.7	C67076-A2012-A70	14b
BSM 150 GAL 120 DN 2	1200	150	≤ 0.1	1250	2.7	C67076-A2013-A70	14b
BSM 200 GAL 120 DN 2	1200	200	≤ 0.09	1400	2.7	C67070-A2301-A70	14b

Einzelrichter

Single Switches

BSM 200 GA 120 DN 2	1200	200	≤ 0.08	1550	2.7	C67076-A2006-A70	15
BSM 300 GA 120 DN 2	1200	300	≤ 0.05	2500	2.7	C67076-A2007-A70	15
BSM 400 GA 120 DN 2	1200	400	≤ 0.045	2800	2.7	C67070-A2302-A70	15
BSM 200 GA 170 DN 2	1700	200	≤ 0.07	1750	3.5	C67070-A2705-A67	15
BSM 300 GA 170 DN 2	1700	300	≤ 0.05	2500	3.5	C67070-A2706-A67	15

Leistungshalbleiter

Power Semiconductors

Siemens bietet monolithische Leistungshalbleiter auch in der Chip-Version an. Diese SIPMOS-Chips bieten eine ebenso hohe und zuverlässige Leistung wie die entsprechenden Fertigprodukte.
Chips auf Anfrage; Mindestmenge: 1 Wafer pro Typ

Siemens offers monolithic Power Semiconductors also as chip-version. These SIPMOS-chips feature the same high and reliable performance as the respective finished products.
Chips on request; Minimum quantity: 1 wafer per type