

TE450GB12C2R4-CA1

1	2	3	4	5	6	7	8	9	10
TE	450	G	B	12	C2	R	4	C	A1

1 **TE:** Technicon

2 **Rated current:** I_{c_nom}

3 **Type:** G = IGBT
S = SiC
H = Hybrid

4 **Configuration:**
B = half-bridge
D = 6-pack
LB = 3 level BOT switch
LT = 3 level TOP switch

5 **Rated voltage:** $V_{CE}/100$

6 **Case:** C2 = 62 mm
C1 = 34 mm
C5 = ED3
C6 = HPD

7 **Special mark:** R = Adopted for Russia

8 **IGBT technology** 4 = Trench 4
7 = Trench 7
5 = Fast Field-Stop

9 **Special mark:** C = Customized

10 Selected for parallel connection, V_f groups:
A1, A2, A3.
Please refer to «**Technicon AN 02-2025:**
Parallel connection of IGBT»

Option M01: pre-applied thermal interface P12 ($\lambda=0.8 \text{ W/m}^2\text{K}$),
M01 is marked on packaging box only!