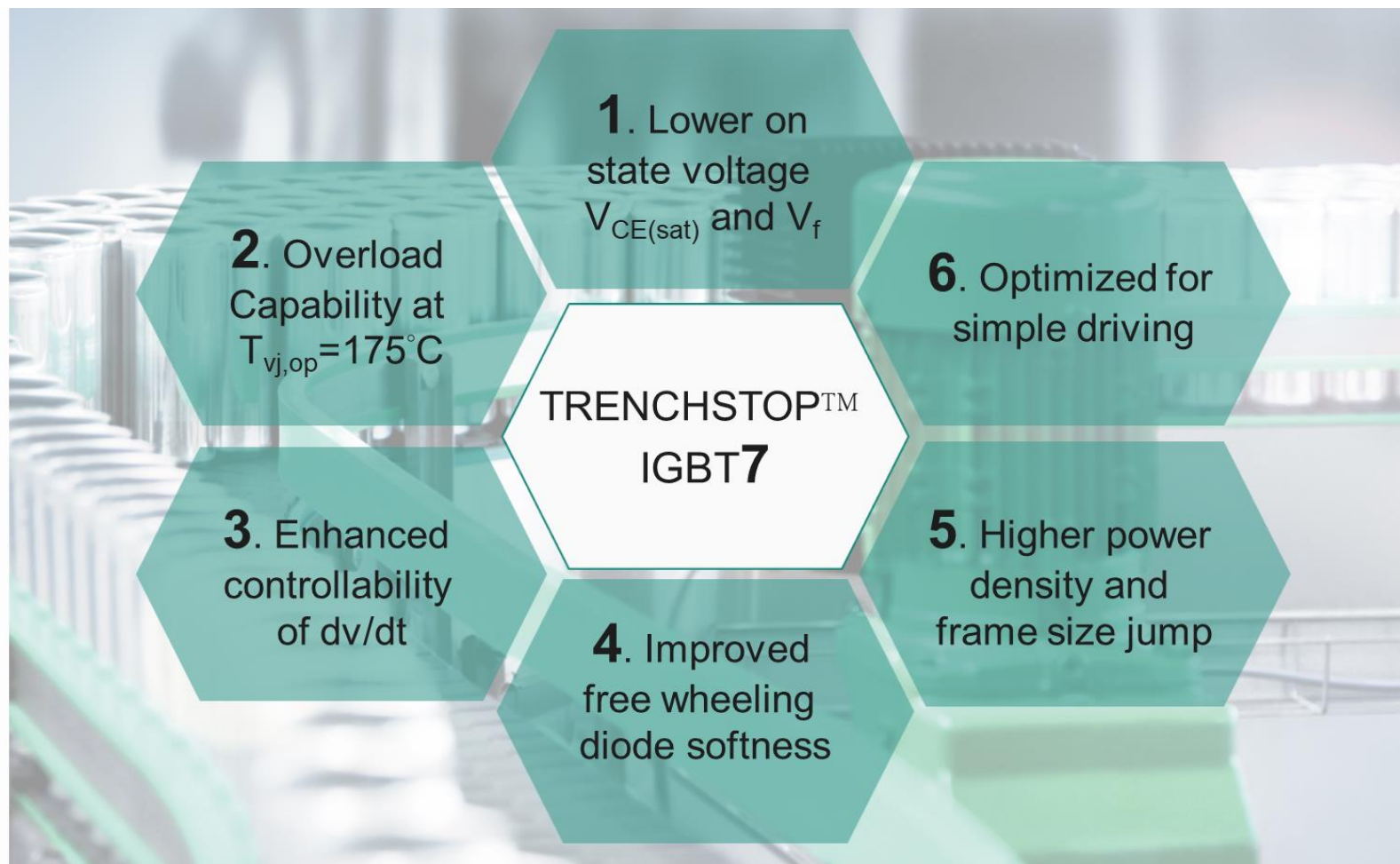




The reference data for EE Time Quiz.



Q1: 下列哪項敘述並非Infineon IGBT 7 的優勢?

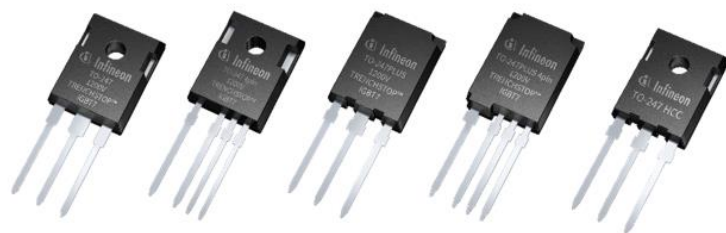


Q2 下列哪項敘述並非Infineon IGBT 7 單管的晶片代號?

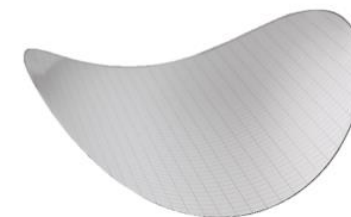
Product vision

TRENCHSTOP™ IGBT7 has to be promoted as a **flexible family** to replace almost all predecessor technologies

Benchmark performance with state-of-the-art quality and **best price/performance ratio**



- 2 Voltage Classes 650 V & 1200 V
- 3 Flavours T7, H7 & S7
- 5 packages

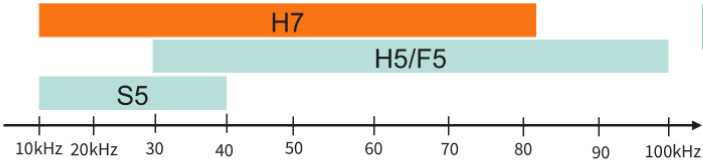


Produced in 300mm Fab
Enabling Future Growth

Q3 下列哪項敘述是Infineon IGBT 7 650V H7單管 的晶片操作頻率範圍？

650 V TRENCHSTOP™ 7 IGBT7 H7

Key features	
→	Better humidity ruggedness
→	Diode performance – EC7 diode
→	Broad product portfolio in TO-247 3 & 4-pin packages



Portfolio				
Current Inom	TO-247-3-HCC	TO247-4pin asymmetric	TO247PLUS-3pin	TO247PLUS-4pin
40 A	IKWH40N65EH7	IKZA40N65EH7		
50 A	IKWH50N65EH7	IKZA50N65EH7		
75 A	IKWH75N65EH7	IKZA75N65EH7		
100 A	IKWH100N65EH7	IKZA100N65EH7		
120 A			IKQ120N65EH7	IKY120N65EH7
150 A			IKQ150N65EH7	IKY150N65EH7

Core applications

UPS

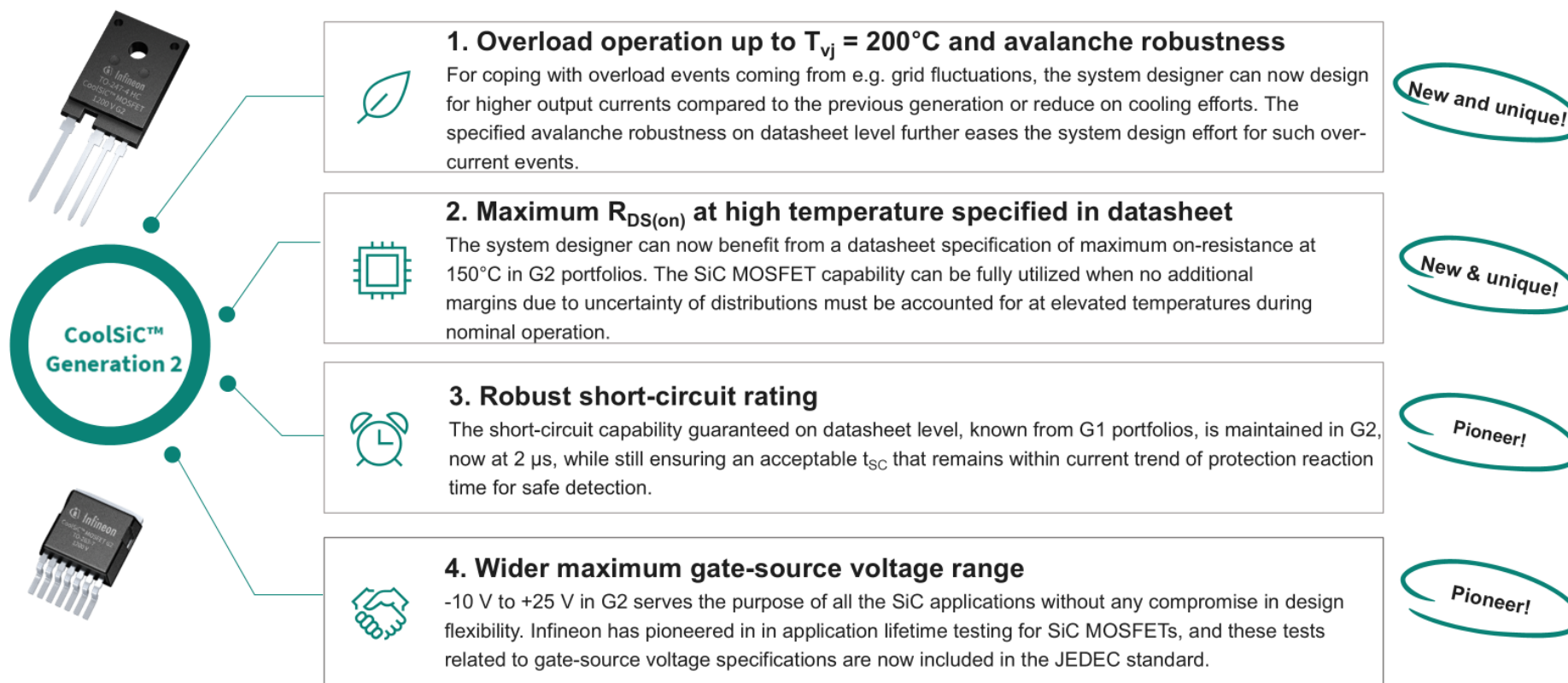
Solar

EV charging

Energy storage

Q4 下列哪項敘述並非Infineon Cool SiC Gen2 1200V 的特色?

New and unique robustness features



*In comparison to G1 -10V to $+23\text{V}$, G2 range has extended to $+25\text{V}$. HTGS qualification test has been extended to cover the wider range and to guarantee the same leading reliability as G1.

Q5 下列哪項敘述並非Infineon Cool SiC 2000V M1H module 的特色?

CoolSiC™ MOSFET 2000 V M1H series
Easy modules

