



# 1200 V Power MOS 7® Punch-through IGBT Collector Cut-off Current @ 125°C

## Clarifications/Corrections to the Data Sheet

In the device data sheets listed below, the following clarifications and corrections should be noted.

**TABLE 1: AFFECTED PART NUMBERS AND DOCUMENTS**

Part Number (CPN)	Part Description	Data Sheet Number*	Data Sheet Revision*
APT13GP120BG	IGBT PT MOS 7 Single 1200 V 13 A TO-247	050-7412	E
APT25GP120BG	IGBT PT MOS 7 Single 1200 V 25 A TO-247	050-7411	B
APT35GP120B2DQ2G	IGBT PT MOS 7 Combi 1200 V 35 A TO-247 MAX	050-7630	A
APT35GP120BG	IGBT PT MOS 7 Single 1200 V 35 A TO-247	050-7406	E
APT35GP120J	IGBT PT MOS 7 Single 1200 V 35 A SOT-227	050-7409	D
APT35GP120JDQ2	IGBT PT MOS 7 Combi 1200 V 35 A SOT-227	050-7631	A
APT45GP120B2DQ2G	IGBT PT MOS 7 Combi 1200 V 45 A TO-247 MAX	050-7433	A
APT45GP120BG	IGBT PT MOS 7 Single 1200 V 45 A TO-247	050-7429	C
APT45GP120J	IGBT PT MOS 7 Single 1200 V 45 A SOT-227	050-7430	C
APT45GP120JDQ2	IGBT PT MOS 7 Combi 1200 V 45 A SOT-227	050-7445	A
APT75GP120B2G	IGBT PT MOS 7 Single 1200 V 75 A TO-247 MAX	050-7424	B
APT75GP120J	IGBT PT MOS 7 Single 1200 V 75 A SOT-227	050-7422	B

\* The number and revision level is referenced in the margin of data sheet

## Summary of Change

In the Static Electrical Characteristics table, the  $I_{CES}$  (Collector Cut-off Current) at  $V_{CE} = 1200\text{ V}$ ,  $V_{GE} = 0\text{ V}$ ,  $T_J = 125^\circ\text{C}$  should be increased by  $500\ \mu\text{A}$ .

**TABLE 2: SUMMARY OF CHANGES**

Part Number	Previous $I_{CES}$ Maximum ( $\mu\text{A}$ )	New $I_{CES}$ Maximum ( $\mu\text{A}$ )
APT13GP120BG	3000	3500
APT25GP120BG	2500	3000
APT35GP120B2DQ2G	3000	3500
APT35GP120BG	2500	3000
APT35GP120J	2500	3000
APT35GP120JDQ2	3000	3500
APT45GP120B2DQ2G	3000	3500
APT45GP120BG	2500	3000
APT45GP120J	2500	3000
APT45GP120JDQ2	3000	3500
APT75GP120B2G	5000	5500
APT75GP120J	5000	5500

**Document Revision History**

Rev A Document 01/2025

Initial Release

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