

STMicroelectronics have decided to harmonize the TO254 packages by removing the nickel version and substituting with a single golded package (already ESCC qualified), that could also be proposed in hot solder dip lead finish. No change regarding electrical performances, nor package dimensions.

See below in **bleu bold**, the additional variants in TO254 we ask for introduction into ESCC Detail Specifications. All the others variants in TO254 (in **red bold**) will be covered by a PTN (Product Termination Notification) as soon as detail specifications are updated.

DIODES, POWER RECTIFIER, HIGH EFFICIENCY, FAST RECOVERY BASED ON TYPE BYV52-200
 ESCC Detail Specification No. 5103/030
 Page 5, Paragraph 1.4.2 Component Type Variants

Variant Number	Based on Type	Case	Description	Lead Material and Finish	Weight max g
01	BYV52-200	TO-254	Single diode	H9	10
02	BYV52-200	TO-254	Single diode	H14	10
03	BYV52-200	TO-254	Single diode	H4	10

DIODES, POWER RECTIFIER, HIGH EFFICIENCY, FAST RECOVERY BASED ON TYPE BYW81-200
 ESCC Detail Specification No. 5103/029
 Page 5, Paragraph 1.4.2 Component Type Variants

Variant Number	Based on Type	Case	Description	Lead Material and Finish	Weight max g
01	BYW81-200	TO-254	Single diode	H9	10
02	BYW81-200	TO-254	Dual diode, Common Anode	H9	10
03	BYW81-200	TO-254	Dual diode, Common Cathode	H9	10
04	BYW81-200	TO-254	Dual diode, series, centre tapped	H9	10
05	BYW81-200	SMD.5	Single diode	Q14	2
06	BYW81-200	TO-254	Dual diode, Common Anode	H14	10
07	BYW81-200	TO-254	Dual diode, Common Anode	H4	10

DIODES, POWER RECTIFIER, SCHOTTKY BARRIER BASED ON TYPE STPS20100
 ESCC Detail Specification No. 5106/016
 Page 5, Paragraph 1.4.2 Component Type Variants

Variant Number	Based on Type	Case	Description	Lead Material and Finish	Weight max g
01	STPS20100	TO-254	Single diode	H9	10
02	STPS20100	TO-254	Dual diode, Common Anode	H9	10
03	STPS20100	TO-254	Dual diode, Common Cathode	H9	10
04	STPS20100	TO-254	Dual diode, series, centre tapped	H9	10
05	STPS20100	SMD.5	Single diode	Q14	2
06	STPS20100	SMD1	Single diode	Q14	3
07	STPS20100	TO-254	Dual diode, Common Anode	H14	10
08	STPS20100	TO-254	Dual diode, Common Anode	H4	10
09	STPS20100	TO-254	Dual diode, Common Cathode	H14	10
10	STPS20100	TO-254	Dual diode, Common Cathode	H4	10

DIODES, POWER RECTIFIER, SCHOTTKY BARRIER BASED ON TYPE STPS40100
 ESCC Detail Specification No. 5106/019
 Page 5, Paragraph 1.4.2 Component Type Variants

Variant Number	Based on Type	Case	Description	Lead Material and Finish	Weight max g
01	STPS40100	TO-254	Common Cathode Terminal 2	H9	10
02	STPS40100	TO-254	Common Cathode Terminal 1	H9	10
03	STPS40100	SMD1	Common Cathode Terminal 3	Q14	3
04	STPS40100	TO-254	Common Cathode Terminal 2	H14	10
05	STPS40100	TO-254	Common Cathode Terminal 2	H4	10

