

6.12 TRANSISTORS (12)

6.12.1 Bipolar NPN, PNP, NPN/PNP

TRANSISTOR BIPOLAR LOW AND HIGH POWER SINGLE DUAL MATCH AND COMPLEMENTARY NPN/PNP				361B
Procurement Specifications	Manufacturer	Nature of Approval	Supervising Authority	Initial Qualification Date
Generic ESCC 5000 Detail ESCC	STMicroelectronics Rennes France	Qualification	CNES	Jul 2019 Old Certificates 233 and 234 (Sept 1996) have been included into 361
Remark				
5201/001, 5201/002, 5201/004, 5201/019, 5203/010, 5203/016, 5207/002, 5202/001, 5202/014, 5204/002, 5204/006, 5207/005, 5207/009, 5201/020				

-Qualified range for NPN type:

ESCC Spec No.	Component Type	Package	Qualified Variants
5201/001	2N2484	LCCC3, LCCC3 +1	04, 05, 06, 07
5201/002	2N2222A	LCCC3, LCCC3 +1	04, 05, 11, 12
5201/019	2N5551	LCCC3, LCCC3 +1	04, 05, 08, 09
5201/004	2N3700	LCCC3, LCCC3 +1	04, 05, 06, 07
5203/010	2N5154	TO-257, SMD.5	04, 05, 06, 07
5203/016	BUX77ESY	TO-257	06, 07
5207/002	2N2920A	LCCC6, FP-8	12, 15, 16, 17
5201/020	2ST15300	SMD.5	01

Maximum ratings:

	2N222A	2N2484	2N5551	2N3700	2N5154	BUX 77	2N2920A	2ST15300
V _{CB0} (V):	75	60	180	140	100	100	60	300
V _{CE0} (V):	50	60	160	80	80	80	60	100

-Qualified range for PNP:

ESCC Specification No.	Component Type	Package	Qualified Variants
5202/001	2N2907A	LCCC3, LCCC3 +1	04, 05, 06, 07
5202/014	2N5401	LCCC3, LCCC3 +1	04, 05, 06, 07
5204/002	2N5153	TO-257, SMD.5	04, 05, 06, 07
5204/006	BUX78	TO-257	06, 07
5207/005	2N3810	TO-78, LCCC6, FP	07, 09, 10, 11

TRANSISTOR BIPOLAR LOW AND HIGH POWER SINGLE DUAL MATCH
AND COMPLEMENTARY NPN/PNP

361B

Maximum Ratings

	2N2907A	2N3810	2N5153	BUX78	2N5401
$BV_{CBO}(V)$	60	60	100	100	160
$BV_{CEO}(V)$	60	60	80	80	150

-Qualified range for complementary NPN/PNP:

ESCC Specification No.	Component Type	Package	Qualified Variants
5207/009	2ST3360	FP	01,02

Maximum Ratings

	2ST3360 (NPN)	2ST3360 (PNP)
$BV_{CBO}(V)$	60	-60
$BV_{CEO}(V)$	60	-60

Operating Temperature Range (°C): -65 to +200