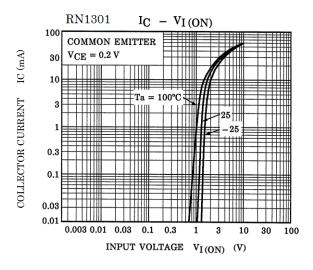
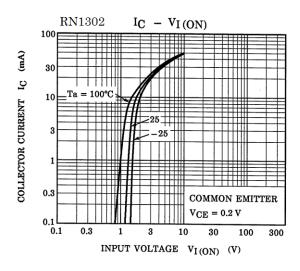


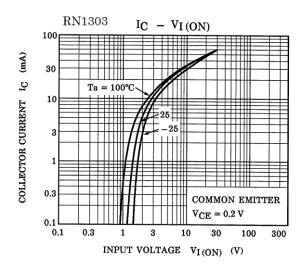
Electrical Characteristics (Ta = 25°C)

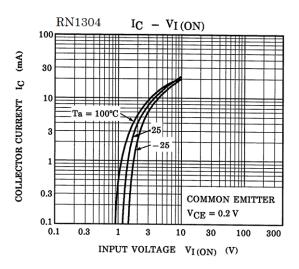
Characteristic		Symbol	Test Circuit	Test Condition	Min	Тур.	Max	Unit
Collector cut-off current	RN1301 to 1306	ICBO	_	VCB = 50 V, IE = 0 mA	_	_	100	nA
		ICEO	_	VCE = 50 V, IB = 0 mA	_	_	500	
Emitter cut-off current	RN1301	- I _{EBO}	_	VEB = 10 V, IC = 0 mA	0.82	_	1.52	- mA
	RN1302		_		0.38	_	0.71	
	RN1303		_		0.17	_	0.33	
	RN1304		_		0.082	_	0.15	
	RN1305		_	VEB = 5 V, IC = 0 mA	0.078	_	0.145	
	RN1306		_		0.074	_	0.138	
DC current gain	RN1301	hFE	_	- - - - - - - - - - - - - - - - - - -	30	_	1	_
	RN1302		_		50	_	_	
	RN1303		_		70	_	_	
	RN1304		_		80	_	_	
	RN1305		_		80	_	_	
	RN1306		_		80	_	_	
Collector-emitter saturation voltage	RN1301 to RN1306	V _{CE} (sat)	_	I _C = 5 mA, I _B = 0.25 mA	_	0.1	0.3	٧
Input voltage (ON)	RN1301	VI (ON)	_	V _{CE} = 0.2 V, I _C = 5 mA	1.1	_	2.0	V
	RN1302		_		1.2	_	2.4	
	RN1303		_		1.3	_	3.0	
	RN1304		_		1.5	_	5.0	
	RN1305		_		0.6	_	1.1	
	RN1306		_		0.7	_	1.3	
Input voltage (OFF)	RN1301 to RN1304	VI (OFF)	_	V _{CE} = 5 V, I _C = 0.1 mA	1.0	_	1.5	· V
	RN1305, RN1306		_		0.5	_	0.8	
Transition frequency	RN1301 to RN1306	f _T	_	V _{CE} = 10 V, I _C = 5 mA	_	250	_	MHz
Collector output capacitance	RN1301 to RN1306	C _{ob}	_	VCB = 10 V, IE = 0 mA, f = 1 MHz	_	3	6	pF
Input resistor	RN1301	R1	_	_	3.29	4.7	6.11	- kΩ
	RN1302		_		7	10	13	
	RN1303		_		15.4	22	28.6	
	RN1304		_		32.9	47	61.1	
	RN1305		_		1.54	2.2	2.86	
	RN1306		_		3.29	4.7	6.11	
Resistor ratio	RN1301 to RN1304	R1/R2	_	_	0.9	1.0	1.1	_
	RN1305		_		0.0421	0.0468	0.0515	
	RN1306		_		0.09	0.1	0.11	

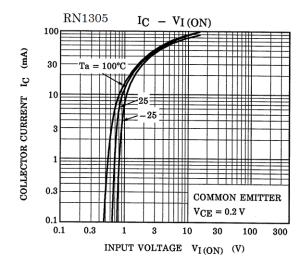


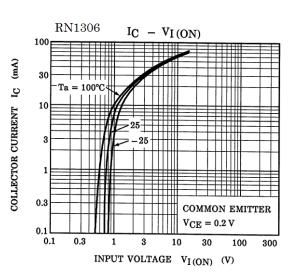




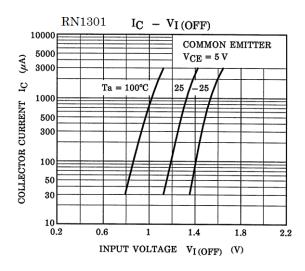


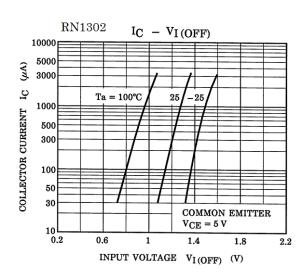


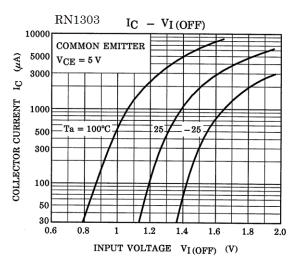


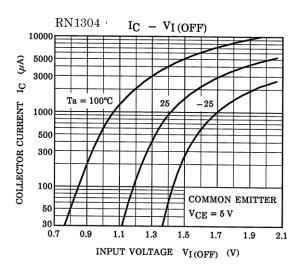


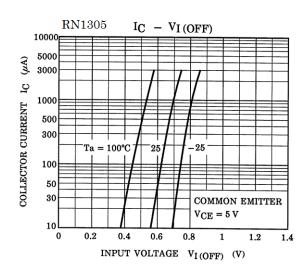


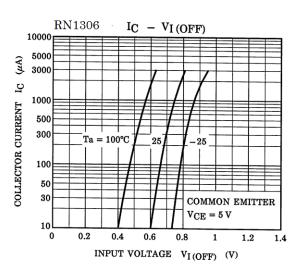




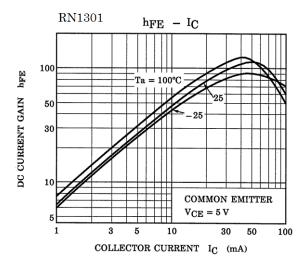


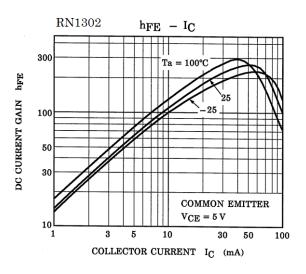


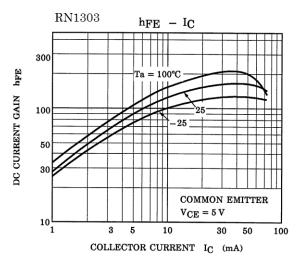


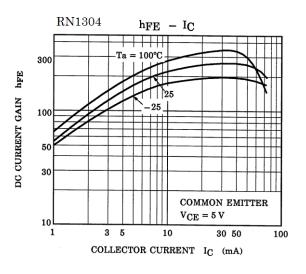


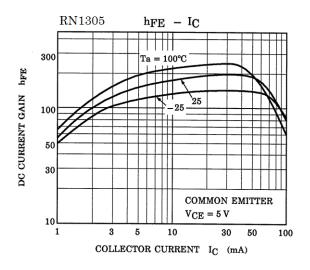


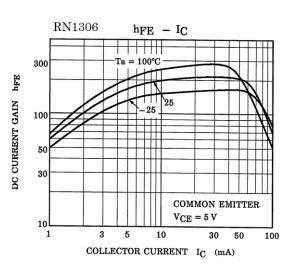




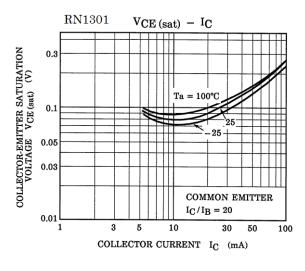


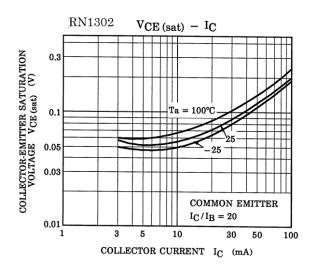


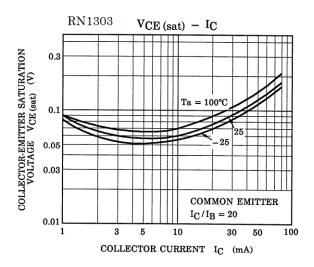


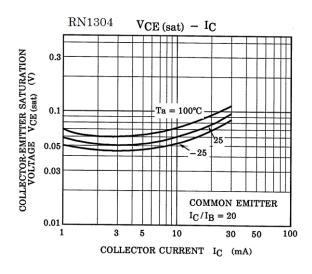


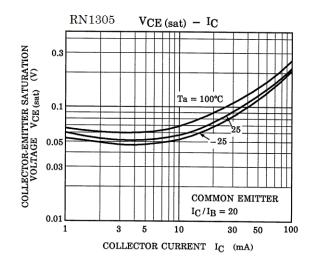


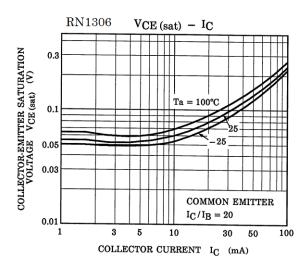












6



Marking

Part No.	Marking
RN1301	Part No.(abbreviation code)
RN1302	Part No.(abbreviation code)
RN1303	Part No.(abbreviation code)
RN1304	Part No.(abbreviation code)
RN1305	Part No.(abbreviation code)
RN1306	Part No.(abbreviation code)



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