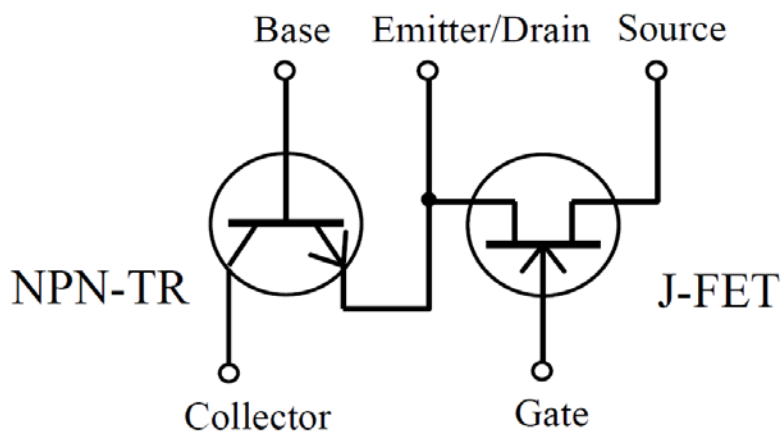




ON Semiconductor®

CPH5905G



SPICE PARAMETERS

N-JFET

Parameter	Value	Unit	Parameter	Value	Unit
VTO	-0.8	V	CGS	7.62	pF
BETA	0.026	A/V ²	CGD	7.62	pF
LAMBDA	0.038	V ⁻¹	PB	0.600	V
RD	5.6	Ω	M	0.33	
RS	6.5	Ω	N	1.016	
IS	0.558	fA			

Temp = 27 deg
Date : 2014/8/12

*Information herein is for example only ;
It is not guaranteed for volume production.

ON Semiconductor



ON Semiconductor®

CPH5905G

SPICE PARAMETER

NPN Bipolar Transistor

model : Gummel-Poon

Parameter	Value	Unit	Parameter	Value	Unit
IS	17.60f	A	BF	212	
NF	1.023		VAF	246	V
IKF	410.0m	A	ISE	3.20f	A
NE	1.38		BR	3.2	
NR	1.05		VAR	1000	V
IKR	20	A	ISC	1.00f	A
NC	1.5		RB	620m	Ohm
IRB	60m	A	RBM	240m	Ohm
RE	460m	Ohm	RC	410m	Ohm
XTB	0		EG	1.11	eV
XTI	3		CJE	19.2p	F
VJE	780.0m	V	MJE	270.0m	
NK	0.71		CJC	5.30p	F
VJC	570.0m	V	MJC	280.0m	

Temp = 27 deg

Date : 2014/08/12

*Information herein is for example only ;
It is not guaranteed for volume production.

ON Semiconductor