

● Electrical characteristics (Unless otherwise noted; Ta=25°C, Vcc=14.4V)

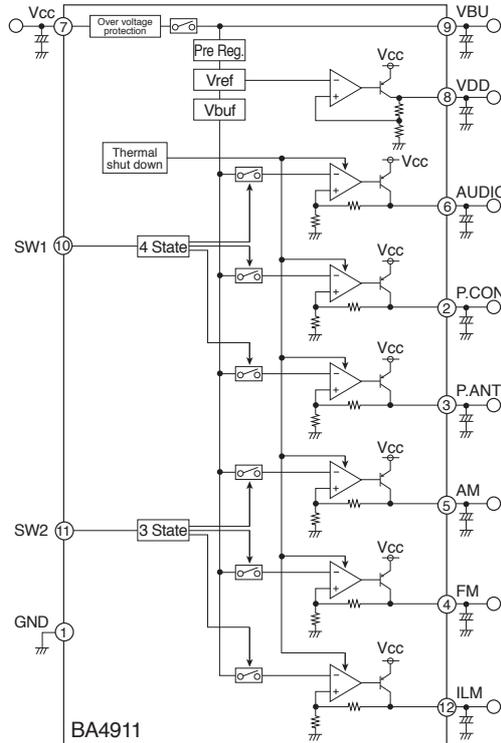
Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Standby circuit current 1	I _{ST1}	—	100	150	μA	V _{CC} =13.2V
Standby circuit current 2	I _{ST2}	—	100	150	μA	
Output voltage (VDD) 1	V _{O1}	4.80	5.00	5.20	V	I _O =300mA, V _{CC} =10~18V
Min. I/O voltage difference 1	ΔV _{O1}	—	0.4	0.7	V	I _O =300mA, V _{BU} -V _{O1}
Min. I/O voltage difference 2	ΔV _{O1'}	—	2.5	3.0	V	I _O =300mA, V _{CC} -V _{O1}
Output current capacity	I _{O1}	300	—	—	mA	V _{O1} ≥4.8V
Output voltage (AUDIO) 2	V _{O2}	7.80	8.12	8.30	V	I _{O2} =200mA, V _{CC} =10~18V, -30°C~80°C *1
Min. I/O voltage difference	ΔV _{O2}	—	0.4	0.7	V	I _{O2} =200mA, V _{CC} -V _{O2}
Output current capacity	I _{O2}	200	—	—	mA	V _{O2} ≥7.8V
I/O voltage difference (P.COM) 3	ΔV _{O3}	—	0.4	0.7	V	I _{O3} =200mA
Output current capacity	I _{O3}	300	—	—	mA	V _{O3} ≥13.7V
I/O voltage difference (P.ANT) 4	ΔV _{O4}	—	0.4	0.7	V	I _{O4} =200mA
Output current capacity	I _{O4}	300	—	—	mA	V _{O4} ≥13.7V
Output voltage (AM) 5	V _{O5}	7.5	7.9	8.3	V	I _{O5} =50mA, V _{CC} =10~18V, -30°C~80°C *1
Min. I/O voltage difference	ΔV _{O5}	—	0.4	0.7	V	I _{O5} =50mA
Output current capacity	I _{O5}	50	—	—	mA	V _{O5} ≥7.5V
Output voltage (FM) 6	V _{O6}	7.8	8.12	8.3	V	I _{O6} =50mA, V _{CC} =10~18V, -30°C~80°C *1
Min. I/O voltage difference	ΔV _{O6}	—	0.4	0.7	V	I _{O6} =50mA, V _{CC} -V _{O6}
Output current capacity	I _{O6}	50	—	—	mA	V _{O6} ≥7.8V
Output voltage (ILM) 7	V _{O7}	9.9	10.3	10.7	V	I _{O7} =250mA, V _{CC} =10~18V
Min. I/O voltage difference	ΔV _{O7}	—	0.4	0.7	V	I _{O7} =250mA, V _{CC} -V _{O7}
Output current capacity	I _{O7}	250	—	—	mA	V _{O7} ≥9.9V

*1 Design guaranteed

*This product is not designed for protection against radioactive rays.

*Output current capacity must be set below MINIMUM.

● Block Diagram



Notes

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