



电子元器件系列 (中国.厦门)

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# Updated Datasheets

Sort by Location/Week

Updated: 030801

Week Ending	Document/ Part #	Requested by	Rev Code/ Date	Location	Changes
030801	NBB-310	DS	A4 030801	Ext. Web	<u>Specification Table</u> Overall, <u>Device Voltage</u> : changed min specification from "4.7V" to "4.6V"
030801	2172	JK	A11 030729	Ext. Web	<u>Specification Table</u> <u>Power Supply, Idle Current</u> : added max spec "65mA".
030801	2301	JM	A13 030729	Ext. Web	<u>Absolute Max Ratings</u> <u>Supply Voltage (VDD)</u> : changed from "-0.5 to +6.5" to "-0.5 to +5.0". <u>DC Supply Current</u> : changed from "60mA" to "40mA". <u>Specification Table</u> <u>Note</u> : added. <u>Application Schematic 2</u> <u>Title</u> : added "2450MHz". <u>Pin 6</u> : changed "L1" to "1.8nH" and "L2" to "1.5nH". <u>Table</u> : removed.
030801	2469	PY	A7 030730	Ext. Web	<u>Package Drawing Title</u> : changed from "LCC" to "QFN". <u>Evaluation Board Schematic</u> : changed reference designator "C26" to "C15".
030801	8009	KC/GF	A0 030723	Ext. Web	<u>First posting to external web.</u>
030725	2301	PY	A12 030708	Ext. Web	<Reason for Change: part recharacterization.> <u>Specification Table</u> Overall, <u>Nominal Frequency Range and Input IP3</u> : deleted row. Overall, <u>Input IP3</u> : deleted row. <u>Broadband 100MHz to 1900MHz</u> : added this title row. <u>Nominal 4V Configuration, Input IP3</u> : added this row. <u>Nominal 4V Configuration, Reverse Isolation, third row</u> : deleted this row. <u>Nominal 4V Configuration, Reverse Isolation, fourth row</u> : deleted this row. <u>Nominal 3V Configuration, Input IP3</u> : added this row. <u>Nominal 3V Configuration, Reverse Isolation, third row</u> : deleted this row. <u>Nominal 3V Configuration, Reverse Isolation, fourth row</u> : deleted this row. <u>High Band 2500 MHz</u> : added this whole section. <u>Evaluation Board Schematic</u> : moved micro strip B and changed 2450MHz row in table from "3.8nH" to "1.8nH" and from "N/A" to "1.5nH". <u>Evaluation Board Layout</u> : updated from revision C to D. <u>S-Parameters</u> : deleted this page.
030725	2461	WG	B5 030721	Ext. Web	Added "Not for New Designs/See Upgraded Products RF2870/RF2861" banner.
030725	2498	WG	A3 030711	Ext. Web	<u>PCB Design Requirements</u> : added.
030718	2312	PY	C5 030714	Ext. Web	<u>Specification Table</u> <u>Thermal, MTTF (2 lines)</u> : added typ specification of "2170 years". <u>Application Schematic, Push-Pull Standard Voltage</u> <u>Pins 1 and 8</u> : changed "TTWB-2-B" to "616PT-1030". <u>Application Schematic, Push-Pull 24V</u> <u>Pins 1 and 8</u> : changed "TTWB-2-B" to "616PT-1030".
030718	3305	JM	A14 030708	Ext. Web	<u>Specification Table</u> Overall, <u>condition column</u> : changed "with application schematic shown unless otherwise noted" to "with 2GHz application schematic". <u>AC Specifications</u> : changed to "AC Specifications (2GHz)". <u>AC Specifications (900MHz)</u> : added section. <u>Existing Typical Application Schematic and Evaluation Board Schematic</u> : added "for 2GHz". <u>Typical Application Schematic for 900MHz and Evaluation Board Schematic for 900MHz</u> : added. <u>Existing Evaluation Board Layouts</u> : added "for 2GHz".

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					Evaluation Board Layouts for 900MHz: added. Overlay of Suggested SOT-89 and 3mm x 3mm Layouts Showing Compatibility: removed. Charts Existing charts (other than MTTF versus Junction Temp): updated. 900MHz charts: added.
030711	2192	HJ	A6 030701	Ext. Web	Package Drawing Title: changed from "LCC" to "QFN". PCB Design Requirements: added.
030704	2172	MP	A10 030701	Ext. Web	Package Drawing: updated. Package Drawing Title: changed from "LCC" to "QFN". Product Description: changed from "LCC" to "QFN". PCB Design Requirements: added.
030704	2312	PY	C4 030702	Ext. Web	Specification Table Overall (50Ω), Input VSWR: added min spec "1.7:1", and changed max spec from "1.7:1" to "2:1". Overall (50Ω), Output VSWR: added min spec "1.4:1", and changed max spec from "1.4:1" to "2:1". Thermal, ThetaJC: changed typ spec from "66°C/W" to "114.9°C/W", and condition was rewritten. Thermal, Mean Time Between Failures, first row: changed parameter from "Between" to "To", deleted typ spec, unit, and condition. Thermal, Mean Time Between Failures, second row: deleted typ spec, changed units from "hours" to "years", and condition from "+80°C" to "+85°C". Thermal, ThetaJC, second occurrence: added this row. Thermal, Mean Time Between Failures, second occurrence: added this row. Power Supply, Device Voltage: changed typ spec from "6.0V" to "5.5V". Power Supply, Operating Current Range: changed min spec from "85mA" to "40mA", and added max spec "120mA".
030704	2318	DT	A5 030702	Ext. Web	Added "Not for New Designs" banner.
030704	3140	HR	A4 030630	Ext. Web	Specification Table Overall (DCS Mode), Second Harmonic: changed max specification from "-5dBm" to "-7dBm".
030704	3322	DT	A3 030702	Ext. Web	Added "Not for New Designs" banner.
030627	NBT-168	BJL	A4 030627	Ext. Web	Added "Not for New Designs" banner.
030627	NDA-210-D	BJL	A3 030627	Ext. Web	Added "Not for New Designs/See Upgraded Product NBB-310-D" banner.
030627	NDA-212	BJL	A2 030627	Ext. Web	Added "Not for New Designs/See Upgraded Product NBB-310" banner.
030627	NDA-310-D	BJL	A3 030627	Ext. Web	Added "Not for New Designs/See Upgraded Product NBB-310-D" banner.
030627	NDA-312	BJL	A2 030627	Ext. Web	Added "Not for New Designs/See Upgraded Product NBB-310" banner.
030627	NDA-320-D	BJL	A3 030627	Ext. Web	Added "Not for New Designs/See Upgraded Product NBB-300-D" banner.
030627	NDA-322	BJL	A2 030627	Ext. Web	Added "Not for New Designs/See Upgraded Product NBB-300" banner.
030627	NDA-410-D	BJL	A4 030627	Ext. Web	Added "Not for New Designs/See Upgraded Product NBB-300-D" banner.
030627	NDA-412	BJL	A2 030627	Ext. Web	Added "Not for New Designs/See Upgraded Product NBB-300" banner.
030627	NKD-100-D	BJL	A3 030627	Ext. Web	Added "Not for New Designs" banner.
030627	2301	PY	A11 030624	Ext. Web	<Reason for Change: part recharacterization.> Features: changed first feature from "6.0V" to "4.0V", and second feature from "+4dBm" to "0dBm". Specification Table Overall: changed condition from "VDD=5VDC" to "VDD=4VDC". Overall, Nominal Frequency Range: changed typ spec from "300 to 2500MHz" to "100 to 2500MHz". Overall, Input IP3: added min spec "-8dBm", max spec "-4dBm", and changed typ spec from "-8dBm" to "-6dBm". Overall, Noise Figure: added min spec "8dB", typ spec "10dB", and changed max spec from "8dB" to "2dB". Overall, Power Supply Voltage: changed typ spec from "2.7 to 6.0V" to "2.7 to 4.0V". Nominal 4V Configuration: changed parameter from "5V" to "4V", and condition from "VDD=5VDC" to "VDD=4VDC". Nominal 4V Configuration, Gain: changed min spec from "21dB" to "17dB", typ spec from "23dB" to "19dB", and max spec from "26dB"

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					to "21dB". <u>Nominal 4V Configuration, P1dB Output Power</u> : added min spec "-3dBm", max spec "3dBm", and changed typ spec from "+4dBm" to "-0dBm". <u>Nominal 3V Configuration, Gain</u> : changed min spec "15dB" to "14dB", typ spec from "17dB" to "16dB", and added max spec "18dB". <u>Nominal 3V Configuration, P1dB Output Power</u> : added min spec "-6dBm", max spec "+2dBm", and changed typ spec "0dBm" to "-2dBm". <u>Nominal 3V Configuration, Supply Current</u> : added min spec "25mA", max spec "35mA", and changed typ spec "25mA" to "29mA".
030627	2324	WG	A7 030625	Ext. Web	<i>Specification Table</i> 1880MHz Performance, Gain (3 lines): changed typ specification from "21dB" to "20dB".
030627	2361	WG	A8 030624	Ext. Web	<i>PCB Design Requirements</i> : added.
030627	2365	FT	A5 030626	Ext. Web	Added "Not for New Designs/See Upgraded Product RF2364" banner.
030627	2713	PY	A3 030624	Ext. Web	Removed "Preliminary" banner.