

# INFORMATION NOTE



N° 066/15

## Data Sheet Correction for BGT60 & BGT70 & BGT80

**Subject of Change:** BGT60 & BGT70 & BGT80:  
Updated description for sw\_Buff\_Mod.

BGT70 & BGT80:  
CG<sub>diff</sub>: Added comment: @T<sub>b</sub>=25°C

BGT80:  
CG<sub>diff</sub>: Changed min value to 15 dB

Products affected:	Type	SP N°	OPN	Package
	BGT60	SP001267806	BGT60E6327XTSA1	PG-WFWLB-119-1
	BGT70	SP001267810	BGT70E6327XTSA1	PG-WFWLB-119-1
	BGT80	SP001267812	BGT80E6327XTSA1	PG-WFWLB-119-1

**Reason of Change:** Correction and supplement on customer request.

### Description of BGT60 Change:

**Old**  
Enable/disable the channel I of the transmitter I/Q modulator.  
1<sub>B</sub> enabled / 0<sub>B</sub> disabled

**New**  
Enable/disable the buffer at the output of the modulator.  
1<sub>B</sub> enabled / 0<sub>B</sub> disabled

### Description of BGT70 Change:

**Old**  
(1) Enable/disable the channel I of the transmitter I/Q modulator.  
1<sub>B</sub> enabled / 0<sub>B</sub> disabled  
(2) Conversion Gain (over Frequency) @T<sub>b</sub>=25°C

**New**  
(1) Enable/disable the buffer at the output of the modulator.  
1<sub>B</sub> enabled / 0<sub>B</sub> disabled  
(2) Conversion Gain (over Frequency) @T<sub>b</sub>=25°C

### Description of BGT80 Change:

**Old**  
(1) Enable/disable the channel I of the transmitter I/Q modulator.  
1<sub>B</sub> enabled / 0<sub>B</sub> disabled  
(2) Conversion Gain (over Frequency) @T<sub>b</sub>=25°C  
(3) CG<sub>diff</sub>: Min. value = 17dB

**New**  
(1) Enable/disable the buffer at the output of the modulator.  
1<sub>B</sub> enabled / 0<sub>B</sub> disabled  
(2) Conversion Gain (over Frequency) @T<sub>b</sub>=25°C  
(3) CG<sub>diff</sub>: Min. value = 15dB

**Assessment:** No change in product performance and reliability.

**Time Schedule:** 15-07-2015

If you have any questions, please do not hesitate to contact your local Sales office.