



Product Change Notification

20160512-01

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Product Change Notification

Change Notification #: 20160512-01

Change Title: [Low Noise Amplifier \(LNA\) and Filter EOL for GPS, GNSS Antennas](#)

Date of Publication: [May 12th 2016](#)

Key Characteristics of the Change:

The successor of LNA and Filter EOL and the successor have better RF performance than the EOL parts.

LNA:	New LNA (P/N: BGU8009)	EOL LNA (P/N: BGA2001)
Gain	18dB	16dB
Noise figure	0.65dB	1.3dB
Input P1Db	-7dBm	-12dBm
ESD protection	2kV	480V

Filter:	New SAW Filter (P/N:B8813)	EOL Ceramic Filter (P/N:GPFA1P10A073)
Band	GPS, GLONASS, BDS	GPS
Insertion Loss	1dB	2.5dB
VSWR	1.9	2.0
Attenuation		

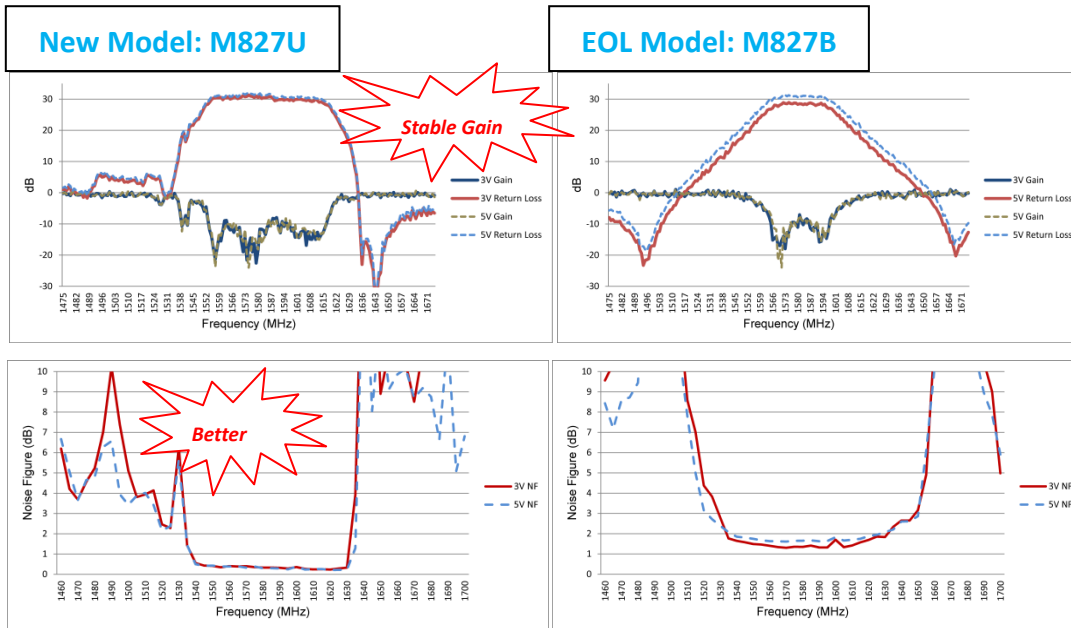
Forecasted Key Milestones:

Status	Milestones
Product Discontinuance Program Support Begins:	January 1st 2017
Product Discontinuance Program Support End:	June 30th 2017

Description of Change to the Customer:

New successor has better noise figure, ESD protection and stable gain.

Example: GPS Antenna (NEW M827U vs EOL M827B)



Customer Impact of Change and Recommended Action:

- Impact: ACC Part Number (P/N) Change may impact to product shipping label change, ERP BOM change, customer PO item change, etc.
Example: M827B-SBMBWAMJCS change to M827U-SBMBWAMJCS; The last 10 codes are remained as the same
- Action: Migrate to new model

Products Affected Models:

EOL Model	New Model
M827B L327B (without housing) L527B (without housing) L827A (without housing)	M827U
M820B L320B (without housing) L520B (without housing)	M820U
M812B L312B (without housing) L512B (without housing)	M812U

L828G L828T	L827G
L327B L527B L827A	L827U
L320B L520B	L820U
L312B L512B	L812U
A312B A512B	A812U
A320B	A820U
A327B	A827U
A312J	A812J
X830B	X830U
CM20B/CM20C	CM20U/CM20D
CM20R	CM20F
CM27D	CM27U
GCRTB GCRTA	GCRTU
GCMTB GCMTA	GCMTU
GCREB	GCREU
FLMTA/FLMFB/FLMGO	FLMTU/FLMFU/FLMGU
U827B	U827U
U820B	U820U
W540C/W827C	W540U/W827U
W5GGR	W5GGU

PCN Revision History:

Date of Revision:

May 12th 2016

Revision Number:

01

Reason:

EOL