

S E R V I C E N O T E

Supersedes:
None

E5052B Signal Source Analyzer

Serial Numbers: MY47100001-MY47199999, SG47100001-SG47199999

CPU Module Part Number Change

Parts Required:

P/N	Description	Qty.
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Solution 1 – (Upgrade to 3rd generation CPU – Celeron P 1.86GHz, 4GB RAM, Windows 7)
- [Refer to Table 1-1](#)

Solution 2 – (Upgrade to 2nd generation CPU – Celeron M 1.86GHz, 2GB RAM, Windows XP)
- [Refer to Table 2-1](#)

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:	
INFORMATION ONLY	
X Calibration Required [] Calibration NOT Required	PRODUCT LINE: WN AUTHOR: LS
ADDITIONAL INFORMATION: E5052B CPU Module Part Number change	

Situation:

For E5052B (serial prefix of MY471, SG471), due to the part discontinuance by CPU motherboard manufacturer, the E5052-62015 CPU Module Assembly is no longer supplied. Please refer to the following solution in repairing customer's instruments as soon as the on hand stocks are depleted.

Two solutions are available.

[Solution#1 – Upgrade to the 3rd generation CPU.](#)

[Solution#2 – Upgrade to 2nd generation CPU.](#)

Solution/Action:**For E5052B (serial prefix MY471, SG471)****Solution 1 – (Upgrade to 3rd generation CPU – Celeron P 1.86GHz, 4GB RAM, Windows 7)**

For solution1, two possible options.

- 1.1 Purchase upgrade kit **E5052BU-040** Upgrade OS, from Windows XP to 7, for E5052B
- 1.2 Purchase 5x5 PN repair kit **E5052-65103** Upgrade OS, from Windows XP to 7, for E5052B

1.1 Purchase upgrade kit E5052BU-040 Upgrade OS, from Windows XP to 7, for E5052B

The recommended replacement part for **E5052-62015** CPU mother board assembly, with image, E5052B is identified as **E5052BU-040** Upgrade OS, from Windows XP to 7, for E5052B. The upgrade kit pricing is strategically positioned in offering customer a low upgrade pricing in comparing to the total pricing for individual parts.

Since this involves HDD replacement, please inform customer to perform data-backup before the instrument is sent to SSU for repair.

1. Purchase E5052BU-040 Upgrade OS, from Windows XP to 7, for E5052B as the replacement of E5052-62015 as soon as the on hand qty. is depleted.
2. Refer to E5052B-07 Information Only (Internal Only) Service note for upgrade procedure.

Note: Should customer requested for a lower part replacement cost, SSU would seek for FE in requesting for discounts on the E5052BU-040 upgrade kit with the following prerequisite information in getting divisional review and approval on a case by case basis. Please include the following information on the additional discount request.

- Product Model.
- Defective/ affected unit serial number.

Include remarks (Example: "Urgent E5052B CPU repair") in SOE if it's necessary.

1.2 Purchase 5x5 PN repair kit E5052-65103

Place the 5x5 PN kit purchase to SPO. Raise hotline for urgent repair if it's necessary.

Table 1-1

P/N	Description	Qty.	Remarks
E5052BU-040 or E5052-65103	Upgrade OS, from Windows XP to 7, for E5052B	1	-

Solution 2 – (Upgrade to 2nd generation CPU – Celeron M 1.86GHz, 2GB RAM, Windows XP)

Solution 2 is an inexpensive solution to customer on the CPU replacement. Certain customer might opt for a lower price solution and has little concern whether the E5052B is fitted with the current and latest hardware and software.

1. Place the 5x5 PN kit purchase to SPO. Raise hotline for urgent repair if it's necessary.
E5052-65102 CPU Upgrade Kit (SSA) RemHDD
2. Refer to E5052B-03 Information Only (Internal Only) service note for upgrade procedure.

Table 2-1

P/N	Description	Qty.	Remarks
E5052-65102	CPU Upgrade Kit (SSA) RemHDD	1	-

Shown is the summary.

	1 st -Generation	2 nd -Generation	3 rd -Generation
Serial-prefix	MY471/ SG471	MY472, MY473/ SG472, SG473	MY474/ SG474
OS	Win-XP(Vista downgrade)	Win-XP	Win-7
CPU	E5052-62015	E5070-62060	E5052-62080
Upgrade-kit	N/A	N/A	E5052BU-040
Upgrade 5x5 PN	N/A	E5052-65102	E5052-65103

For E5052B (serial prefix MY472/3/4, SG472/3/4)

No change in support part strategy. Replace the respective CPU module.

E5052B Hardware, Software & Firmware Upgrades

http://www.keysight.com/main/editorial.jsp?cc=MY&lc=eng&ckey=2082886&nid=-35185.631410.00&id=2082886&cmpid=zzfinde5052b_upgrades

History and Change Item

		1 st generation (April 2007)	2 nd generation (July 2011)	3 rd generation (August 2014)
S/N Prefix		MY471, SG471	MY472, SG472, MY473, SG473	MY474, SG474
CPU Module	CPU	Celeron M 1.3 GHz	Celeron M 1.86 GHz	Celeron P 1.86 GHz
	Board No.	E5052-62015	E5070-62060	E5052-62080
	Memory	1 GB	2 GB	4 GB
	BIOS Password	e5052	agt0nly	None
Storage	Type	PATA-HDD	SATA-HDD	SATA-SSD
	HDD	E5052-82202	E5052-82203	E5052-82204
	HDD Rev No.	NM300-NM330	NF330-NF332	NW370
I/F Board Assy	DSP	E5070-66651	E5070-66661	E5070-66671
Windows License		Window Vista Business (Actual installed OS is Windows XP)	Windows XP Pro for Embedded Systems	Windows Embedded 7
Touch Panel Controller		5184-4184	5183-4184	0960-2972
Power Supply		0950-4899 (550W)	→	→
FW revision		A.xx.xx	A.xx.xx	B.xx.xx

Revision History:

Service note Revision	Date	Author	Reason For Change
E5052B-08	Sept 11 th , 2014	LS	As published