

E5052B-08B

Information Only Service Note

Supersedes:
E5052B-08A

E5052B Signal Source Analyzer, 10 MHz to 7 GHz, 26.5 GHz or 110GHz

Serial Numbers: MY47100001 – MY47199999, SG47100001 – SG47199999;
MY47200001 – MY47299999, SG47200001 – SG47299999;
MY47300001 – MY47399999, SG47300001 – SG47399999;
Manufacturing ID Number: N/A.

CPU Module Part Number Change

Parts Required:

Refer to [Table 1-2](#)

ADMINISTRATIVE INFORMATION

X Calibration Required
☐ Calibration NOT Required

PRODUCT LINE: WN
AUTHOR: ls

ADDITIONAL INFORMATION:
E5052B CPU Module Part Number Change

Situation:

CPU Digital Motherboard discontinuance

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.

Windows XP COA discontinuance

For E5052B (serial prefix of MY471/ SG471; MY472/ SG472, MY473/ SG473), Windows XP COA can no longer be supplied after end of 2016, thus, upgrade kit shipped with Windows XP HDD/ SSD would be discontinued.

Please refer to the following solution in repairing customer's instruments as soon as the on hand stocks are depleted.

Solution/Action:

For any of the above described situations, in general, there are two options be made available.

Option#1 Purchase SPO 5x5 PN repair kit

1. Service center to purchase 5x5 PN repair kit from SPO. Raise hotline for urgent repair if it's necessary. Refer to E5052B-07x (x = A, B, C...) Information Only (Internal Only) Service Note for the detailed upgrade procedure.
2. Since this involves HDD/ SSD replacement, Keysight service center is required to inform customer to perform data-backup accordingly before any conversion is carried out.

Option#2 Purchase upgrade kit E5052BU

The E5052BU upgrade kit pricing is strategically positioned in offering customer a lower upgrade price compared to the total pricing for individual parts.

Note: Should customer request for a lower part replacement cost, Keysight service center would seek for FE in requesting for discounts on the E5052BU upgrade kit with the following prerequisites 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.

Table 1-1 shows the quick overview of the unit s/n prefix, generation and their respective OS & CPU PN.

Refer to table 1-2 for the recommended replacement matrix for the respective generations.

Table 1-1.

	1 st Generation	2 nd Generation	3 rd Generation
Serial-prefix	MY471/ SG471	MY472/ SG472; MY473/ SG473;	MY474/ SG474
OS	Win-XP (Vista Downgrade)	Win-XP	Win7
CPU	E5052-62015	E5052-62070	E5070-62080

Table 1-2 CPU replacement and handling matrix.

CPU/ Digital Hardware generation	To (Upgrade kit) [SPO repair kit]		
From	1 st	2 nd	3 rd
1 st	–	(N/A) * ¹ <E5052-65102> * ²	(E5052BU-040) <E5052-65103>
2 nd	–	–	
3 rd	–	–	–

*¹ No E5052BU upgrade kit is offered.

*² Discontinued or to be discontinued after end of Dec 2016.

Appendix

SSA Signal Source Analyzer Series Upgrades

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

Shown is the history and change items for *reference purposes*.

Disclaimer. The content might not always reflect the latest information or be updated in a timely manner. For up-to-date information, always refer to the latest part list shipped with the corresponding upgrade kit/ SPO kit.

		1 st generation	2 nd generation	3 rd generation
S/N prefix		MY471/ SG471	MY472/ SG472; MY473/ SG473	MY474/ SG474;
CPU Module	CPU	Celeron M 1.3GHz	Celeron M 1.86GHz	Celeron P 1.86GHz
	Board No.	E5052-62015	E5052-62070	E5052-62080
	Memory	1GB	2GB	4GB
	BIOS Password	“e5052”	“agtOnly”	none
Storage	Type	PATA-HDD	SATA-HDD	SATA-SSD
	HDD/ SSD	E5052-82202	E5052-82203	E5052-82204
	HDD/ SSD Rev no.	NMxxx	NFxxx	NWxxx NMxxx
I/F Board assembly	DSP	E5070-66651	E5070-66661	E5071-66671
Front Assembly	LCD Touch Panel Assembly	E5070-60112	E5070-60112 (CCFL backlight) E5070-60113 (LED Backlight)	E5061-60112
	Touch Panel Controller	5183-4184	→	0960-2972
	Backlight inverter	0950-4420	0950-5396	0950-5396
Power Supply		0950-4899 (550W)	→	→
Windows License		Windows Vista Business	Windows XP Pro for Embedded Systems	Windows Embedded 7
Firmware Revision		A.03.00	A.03.30	B.04.xx -

Revision History:

Date	Service Note Revision	Author	Reason for Change
11 Sep, 2014	01	ls	As Published
29 Sep, 2014	02	ls	Included 2 nd gen CPU PN.
15 Nov, 2016	03	ls	Removed 2 nd generation SPO repair kit (Celeron M 1.86GHz, Win-XP) following the discontinuance of Win-XP COA after year 2016. Revised the support strategy and added new CPU replacement matrix.