

DSAZ254A-05A

Information Only Service Note

Supersedes:
NONE

DSAZ254A Infiniium Oscilloscope: 25GHz

Serial Numbers: < MY59260130 use NON-RoHS or RoHS; ≥ MY59260130 use RoHS compliant.

Service engineers repairing and replacing acquisition(s) or backplane assemblies need to order the appropriate part numbers. There are multiple part numbers for Non-RoHS compliant assemblies and for RoHS compliant assemblies. The Oscilloscopes serial number will determine which part number to order and replace with.

Parts Required:

P/N Description

Please see Table 1 for part numbers

ADMINISTRATIVE INFORMATION

Calibration Required
 Calibration NOT Required

PRODUCT LINE: PL1A
AUTHOR: MR

ADDITIONAL INFORMATION: Calibration is required if either acquisition board or Backplane board is replaced.

Situation:

- RoHS exemption of IV40 (Lead in dielectric ceramic in capacitors for a rated voltage of < 125 V AC or 250 V DC for industrial monitoring and control instruments) : Expires on 31st Dec 2020.
- In order to ensure Keysight products are still considered RoHS compliant on 1st Jan 2021, the correct support assemblies must be used.

Solution/Action:

When repairing Infiniium Oscilloscopes, if either the Acquisition or Backplane assembly needs to be replaced, the service engineer needs to make sure they order and use the appropriate assembly per Table 1.

Please try to use refurbished before new.

Table 1.

| PCA Assembly Description | RoHS compliant New part # | RoHS compliant Refurbished part # | Non-RoHS compliant New part # | Non-RoHS Compliant Refurbished Part # |
|--|---------------------------|-----------------------------------|-------------------------------|---------------------------------------|
| Z Series Serial Number | ALL | ALL | < MY59260130 ONLY | < MY59260130 ONLY |
| Acq Board, Tested - Usable for 32GHz and below | 54916-66703 | 54916-69703 | 54916-66503 | 54916-69503 |
| Acq Board, Tested - Usable for 25GHz and below | 54916-66704 | 54916-69704 | 54916-66504 | 54916-69504 |
| Backplane board - tested | 54932-66702 | 54932-69702 | 54932-66502 | 54932-69502 |

Revision History:

| Date | Service Note Revision | Author | Reason for Change |
|------------------|-----------------------|-------------|-------------------|
| 11 December 2020 | 01 | Mark Rowley | As Published |
| 20 January 2021 | 02 | Mark Rowley | As Published |
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