

## PVL drivers for ST MEMS



### Features

- Software driver supporting different MEMS sensors like accelerometers, gyroscopes, magnetometers, pressure sensors, and so forth from STMicroelectronics
- PVL-compliant software driver
- Android CTS and custom checklist tests supported

### Description

PVL drivers are a collection of software drivers for different MEMS sensors from STMicroelectronics.

Each sensor has its corresponding software driver(s). These drivers expose sensor hardware functionality to upper-level software layers.

#### Product summary

PVL-L3GD20QC
PVL-LIS2DGQC
PVL-LIS2DUX12QC
PVL-LIS2DW12QC
PVL-LIS2HH12QC
PVL-LIS3DHQC
PVL-LIS2MDLQC
PVL-LIS3MDLQC
PVL-LSM6DS3QC
PVL-LSM6DS3CQC
PVL-LSM6DSMQC
PVL-LSM6DSOQC
PVL-LSM6DSRQC
PVL-LSM6DSVQC
PVL-LPS22DFQC
PVL-LPS22HBQC
PVL-LPS22HHQC
PVL-LPS27HHWQC
PVL-MAG0X40QC



## Revision history

**Table 1. Document revision history**

Date	Version	Changes
21-Apr-2017	1	Initial release
24-Apr-2017	2	Initial public release
05-Jul-2017	3	Added part number PVL-LIS2HH12QC
11-Apr-2018	4	Added part numbers PVL-LSM6DS3CQC and PVL-LPS22HHQC
11-Oct-2018	5	Added part numbers PVL-LIS2DOCQC and PVL-LIS2DW12QC
28-Jun-2019	6	Added part numbers PVL-LIS2DU12QC, PVL-LSM6DSOQC and PVL-LSM6DSTQC
24-Sep-2021	7	Added part number PVL-LPS22DFQC and updated "Product summary"
17-Feb-2022	8	Added part number PVL-LPS27HHWQC
08-Jul-2022	9	Added part numbers PVL-LSM6DSRQC and PVL-LSM6DSVQC
15-Jul-2022	10	Added part number PVL-LIS2DUX12QC
25-Mar-2024	11	Added part number PVL-LIS2MDLQC



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