**Positive correlation:**

* COLUMNS : Serial\_number
* CORR : ['Latch:\_LA\_269353054\_DevicePositionXOnLFAtP1;\_CEID15651.4', 'Latch:\_LA\_269353092\_DispenseCurrentBondPosition;\_CEID15651.6', 'Latch:\_LA\_269353066\_DiePositionOnStripX;\_CEID15652.4']
* COLUMNS : Latch:\_LA\_269353054\_DevicePositionXOnLFAtP1;\_CEID15651.4
* CORR : ['Latch:\_LA\_269353092\_DispenseCurrentBondPosition;\_CEID15651.6']
* COLUMNS : Latch:\_LA\_269353055\_DevicePositionYOnLFAtP1;\_CEID15651.5
* CORR : ['Latch:\_LA\_269353095\_DispenseProcessAveZHeight;\_CEID15651.8', 'Latch:\_LA\_269353095\_DispenseProcessAveZHeight;\_CEID15651.8.1', 'Sig:\_DispenseProcess\_AveZHeight\_(post\_Step)', 'Sig:\_BondProcess\_AveBondZHeight\_(post\_Step)', 'Latch:\_LA\_269353098\_BondProcessAveBondZHeight;\_CEID15652.7', 'Sig:\_BondProcess\_AveBondZHeight\_(post\_Step).1']
* COLUMNS : Latch:\_LA\_269353094\_DispenseProcessAvePress;\_CEID15651.7
* CORR : ['Latch:\_LA\_251920580\_DispenserPressure\_ECRO;\_CEID15651.9', 'Latch:\_LA\_251920580\_DispenserPressure\_ECRO;\_CEID15651.9.1']
* COLUMNS : Latch:\_LA\_269353095\_DispenseProcessAveZHeight;\_CEID15651.8
* CORR : ['Latch:\_LA\_269353067\_DiePositionOnStripY;\_CEID15652.5', 'Sig:\_BondProcess\_AveBondZHeight\_(post\_Step)', 'Latch:\_LA\_269353098\_BondProcessAveBondZHeight;\_CEID15652.7', 'Sig:\_BondProcess\_AveBondZHeight\_(post\_Step).1']
* COLUMNS : Latch:\_LA\_251920580\_DispenserPressure\_ECRO;\_CEID15651.9
* CORR : ['Latch:\_LA\_269353094\_DispenseProcessAvePress;\_CEID15651.7.1', 'Sig:\_DispenseProcess\_AvePress\_(post\_Step)']
* COLUMNS : Latch:\_LA\_269353094\_DispenseProcessAvePress;\_CEID15651.7.1
* CORR : ['Latch:\_LA\_251920580\_DispenserPressure\_ECRO;\_CEID15651.9.1']
* COLUMNS : Latch:\_LA\_269353095\_DispenseProcessAveZHeight;\_CEID15651.8.1
* CORR : ['Latch:\_LA\_269353067\_DiePositionOnStripY;\_CEID15652.5', 'Sig:\_BondProcess\_AveBondZHeight\_(post\_Step)', 'Latch:\_LA\_269353098\_BondProcessAveBondZHeight;\_CEID15652.7', 'Sig:\_BondProcess\_AveBondZHeight\_(post\_Step).1']
* COLUMNS : Latch:\_LA\_251920580\_DispenserPressure\_ECRO;\_CEID15651.9.1
* CORR : ['Sig:\_DispenseProcess\_AvePress\_(post\_Step)']
* COLUMNS : Latch:\_LA\_269353092\_DispenseCurrentBondPosition;\_CEID15651.6
* CORR : ['Latch:\_LA\_269353066\_DiePositionOnStripX;\_CEID15652.4']
* COLUMNS : Sig:\_DispenseProcess\_AveZHeight\_(post\_Step)
* CORR : ['Latch:\_LA\_269353067\_DiePositionOnStripY;\_CEID15652.5', 'Sig:\_BondProcess\_AveBondZHeight\_(post\_Step)', 'Latch:\_LA\_269353098\_BondProcessAveBondZHeight;\_CEID15652.7', 'Sig:\_BondProcess\_AveBondZHeight\_(post\_Step).1']
* COLUMNS : Latch:\_LA\_269353067\_DiePositionOnStripY;\_CEID15652.5
* CORR : ['Sig:\_BondProcess\_AveBondZHeight\_(post\_Step)', 'Latch:\_LA\_269353098\_BondProcessAveBondZHeight;\_CEID15652.7', 'Sig:\_BondProcess\_AveBondZHeight\_(post\_Step).1']
* COLUMNS : Latch:\_LA\_269353069\_DiePlacementOnStripX;\_CEID15652.11
* CORR : ['Sig:\_BondProcess\_PBIDiePlacementOnStripX\_uM\_(post\_Step)']
* COLUMNS : Latch:\_LA\_269353070\_DiePlacementOnStripY;\_CEID15652.12
* CORR : ['Sig:\_BondProcess\_PBIDiePlacementOnStripY\_uM\_(post\_Step)']

**Negative correlation:**

* COLUMNS : Latch:\_LA\_269353055\_DevicePositionYOnLFAtP1;\_CEID15651.5
* CORR : ['Sig:\_DispenseProcess\_AveZHeightDifference\_(post\_Step)']
* COLUMNS : Latch:\_LA\_269353095\_DispenseProcessAveZHeight;\_CEID15651.8
* CORR : ['Sig:\_DispenseProcess\_AveZHeightDifference\_(post\_Step)']
* COLUMNS : Latch:\_LA\_269353095\_DispenseProcessAveZHeight;\_CEID15651.8.1
* CORR : ['Sig:\_DispenseProcess\_AveZHeightDifference\_(post\_Step)']
* COLUMNS : Latch:\_LA\_251920465\_DispenseHeightToStrip\_ECRO;\_CEID15651.10
* CORR : ['Latch:\_LA\_269353065\_PostbondEpoxyCoverageCheckData;\_CEID15652.10', 'Latch:\_LA\_269353065\_PostbondEpoxyCoverageCheckData;\_CEID15652.10.1']
* COLUMNS : Sig:\_DispenseProcess\_AveZHeight\_(post\_Step)
* CORR : ['Sig:\_DispenseProcess\_AveZHeightDifference\_(post\_Step)']
* COLUMNS : Sig:\_DispenseProcess\_AveZHeightDifference\_(post\_Step)
* CORR : ['Latch:\_LA\_269353067\_DiePositionOnStripY;\_CEID15652.5', 'Sig:\_BondProcess\_AveBondZHeight\_(post\_Step)', 'Latch:\_LA\_269353098\_BondProcessAveBondZHeight;\_CEID15652.7', 'Sig:\_BondProcess\_AveBondZHeight\_(post\_Step).1']
* COLUMNS : Latch:\_LA\_269353065\_PostbondEpoxyCoverageCheckData;\_CEID15652.10
* CORR : ['Latch:\_LA\_252314736\_BondDistanceToBondPosition\_ECRO;\_CEID15652.9']
* COLUMNS : Sig:\_BondProcess\_AveBondForce\_(post\_Step)
* CORR : ['Sig:\_BondProcess\_AveBondForceDifference\_(post\_Step)']
* COLUMNS : Latch:\_LA\_269353097\_BondProcessAveBondForce;\_CEID15652.6
* CORR : ['Sig:\_BondProcess\_AveBondForceDifference\_(post\_Step)']
* COLUMNS : Latch:\_LA\_252314736\_BondDistanceToBondPosition\_ECRO;\_CEID15652.9
* CORR : ['Latch:\_LA\_269353065\_PostbondEpoxyCoverageCheckData;\_CEID15652.10.1']
* COLUMNS : Sig:\_BondProcess\_AveBondForce\_(post\_Step).1
* CORR : ['Sig:\_BondProcess\_AveBondForceDifference\_(post\_Step)']