

oDesktop

AddMessage	ClearMessages	CloseAllWindows
CloseProject	CloseProjectNoForce	DeleteProject
DeleteRegistryEntry	DoesRegistryValueExist	DownloadJobResults
EnableAutoSave	ExportOptionsFiles	GetActiveProject
GetAutoSaveEnabled	GetBuildDateTimeString	GetDefaultUnit
GetDistributedAnalysisMachines	GetDistributedAnalysisMachinesForDesignType	GetExeDir
GetGDIObjectCount	GetLibraryDirectory	GetLocalizationHelper
GetMessages	GetPersonalLibDirectory	GetProcessID
GetProjectDirectory	GetProjectList	GetProjects
GetRegistryInt	GetRegistryString	GetRunningInstancesMgr
GetScriptingToolsHelper	GetSysLibDirectory	GetTempDirectory
GetTool	GetUserLibDirectory	GetVersion
LaunchJobMonitor	NewProject	OpenAndConvertProject
OpenMultipleProjects	OpenProject	OpenProjectWithConversion
PageSetup	PauseRecording	PauseScript
Print	QuitApplication	RefreshJobMonitor
ResetLogging	RestoreProjectArchive	RestoreWindow
ResumeRecording	RunACTWizardScript	RunProgram
RunScript	RunScriptWithArguments	SelectScheduler
SetActiveProject	SetActiveProjectByPath	SetLibraryDirectory
SetProjectDirectory	SetRegistryFromFile	SetRegistryInt
SetRegistryString	SetTempDirectory	ShowDockingWindow
Sleep	SubmitJob	TileWindows

oProject

AddDataset	AddMaterial	AnalyzeAll
ChangeProperty	ClearMessages	CloneMaterial
Close	CopyDesign	CutDesign
DeleteDataset	DeleteDesign	DeleteToolObject
EditDataset	EditMaterial	ExportDataset
ExportMaterial	GetActiveDesign	GetArrayVariables
GetChildNames	GetChildObject	GetChildTypes
GetConfigurableData	GetDefinitionManager	GetDependentFiles
GetDesign	GetDesigns	GetEDBHandle
GetLegacyName	GetName	GetObjPath
GetPath	GetPropNames	GetPropValue
GetProperties	GetPropertyValue	GetTopDesignList
GetVariableValue	GetVariables	ImportDataset
InsertDesign	InsertDesignWithWorkflow	InsertToolObject
Paste	PasteDesignBlock	Redo
RemoveAllUnusedDefinitions	RemoveMaterial	RemoveUnusedDefinitions
Rename	Save	SaveAs
SaveAsStandAloneProject	SaveProjectArchive	SetActiveDefinitionEditor
SetActiveDesign	SetPropValue	SetPropertyValue
SetVariableValue	SimulateAll	Undo
UpdateDefinitions		

oDefinitionManager

AddComponent	AddDataset	AddFootprint
AddMaterial	AddPadstack	AddScript
AddSurfaceMaterial	AddSymbol	ChangeProperty
CloneMaterial	CreateComponentData	DeleteDataset

DoesMaterialExist

DoesSurfaceMaterialExist

EditComponent

EditDataset

EditFootprint

EditMaterial

EditPadstack

EditScript

EditSurfaceMaterial

EditSymbol

ExportComponent

ExportDataset

ExportFootprint

ExportMaterial

ExportPadstack

ExportScript

ExportSurfaceMaterial

ExportSymbol

GetInUseProjectMaterialNames

GetManager

GetMaterialNamesInConfiguredLibraries

GetProjectMaterialNames

GetProperties

GetPropertyValue

ImportDataset

ModifyLibraries

RemoveComponent

RemoveFootprint

RemoveMaterial

RemovePadstack

RemoveScript

RemoveSurfaceMaterial

RemoveSymbol

SetPropertyValue

UpdateDefinition

UpdateDefinitionFromLib

oDesign

AddCompInstance

AddDataset

AddDesignVariablesForDynamicLink

AddDynamicLink

AddModelingProperties

AddOutputVariable

Analyze

AnalyzeAll

AnalyzeAllNominal

ChangePortProperty

ChangeProperty

CopyItemCommand

CopySimulationResults

CreateReport

DCReportGeneration

DeleteCompInstance

DeleteDataset

DeleteDesignInstance

DeleteFieldVariation

DeleteFullVariation

DeleteOutputVariable

DeletePort

DeleteSolutionVariation

DeleteSource

DesignOptions

EditCoSimulationOptions

EditDataset

EditHfssExtents

EditImportData

EditInfiniteArray

EditNotes

EditOptions

EditOutputVariable

EnableSolutionSetup

ExportConvergence

ExportCurrentsData

ExportDataset

ExportDesignPoint

ExportForHSpice

ExportForSpice

ExportNMFData

ExportNearFieldData

ExportNetworkData

ExportProfile

ExportReport

GetActiveEditor

GetConfigurableData

GetData

GetDesignType

GetDiagnostics

GetEditor

GetMenuChoices

GetModule

GetName

GetNoteText

GetOutputVariableValue

GetOutputVariables

GetPropHost

GetProperties

GetPropertyValue

GetSitempFilePath

GetVariableValue

GetVariables

ImportComponentFile

ImportComponentMappingFile

ImportData

ImportDataFilePath

ImportDataset

InsertDesign

InvalidateAllSolutions

InvalidateSolutions

ModifyMeshAttributes

OverlayCurrents

OverlayFarField

OverlayMesh

OverlayNearField

PasteDesign

PasteItemCommand

PushExcitations

Redo

RemoveAllReports

RemoveCircuitElement

RemoveImportData

RemoveModelingProperties

RemoveReport

RenameCircuitElement

RenameDesignInstance

RenameImportData

RenamePort

RenameSource

ReportTemplates

RunToolkit

SetActiveEditor

SetPropertyValue

SetTemperatureSettings

SetVariableValue

SimulateLink

StartAnalysis

StopSimLink

Undo

UpdateSources

ValidateCircuit

ValidateLink

Editor

Activate

AddCircuitRefPort

AddLayer

AddObject

AddPinGroupRefPort

AddPortsToAllNets

AddPortsToNet

AddRefPort

AddStackupLayer

AddVoltageRegulators	AlignObjects	AlignPorts
AssignCircuitRefPort	AssignRefPort	ChangeLayer
ChangeLayers	ChangeOptions	ChangeProperty
ClearLayerMappings	ClearRefPort	ClearRelative
Connect	ConnectPortInstancesToPins	ConvertPlanetoTrace
ConvertPrimitivestoVias	ConvertTracetoPlane	Copy
CopyToPlanarEM	Create3DStructure	CreateAutomaticTrace
CreateCS	CreateCircle	CreateCircleVoid
CreateCircuitElement	CreateCircuitPort	CreateComponent
CreateCurrentSourcePort	CreateDCTerminal	CreateDCTerminalComponent
CreateEdgePort	CreateExtendedNet	CreateGroundPortComponent
CreateGroupSelected	CreateHole	CreateInterfaceGround
CreateInterfacePort	CreateInterfacePortComponent	CreateLine
CreateLineFromPolygon	CreateLineVoid	CreateMeasure
CreateNPort	CreateNetClass	CreateObjectFromPolygon
CreatePin	CreatePinGroup	CreatePinGroupPort
CreatePinGroups	CreatePolygon	CreatePolygonVoid
CreatePortInstancePorts	CreatePortsOnComponents	CreatePortsOnComponentsByNet
CreateRectangle	CreateRectangleVoid	CreateText
CreateTrace	CreateVia	CreateViaGroups
CreateVoltageProbePort	CreateVoltageSourcePort	CutOutSubDesign
DeactivateOpen	DeactivateShort	DefeatureObjects
DelExtendedNet	DelNetClass	Delete
DeleteNets	DeletePinGroup	Disconnect
DissolveComponents	DumpPolygon	Duplicate
DuplicateAcrossLysrs	Edit	EditComponent
EditPinGroup	EnableComponents	EraseMeasurements
Expand	ExpandWithPorts	ExportAcis
ExportDXF	ExportGDSII	ExportGerber
ExportImage	ExportMaterialToHFSSUDP	ExportNCDrill
ExportStackupXML	ExportStride	ExportToHFSS
ExportToHFSSUDP	ExportToQ3D	FilterObjectList
FindObjects	FindObjectsByPoint	FindObjectsByPolygon
FlipHorizontal	FlipVertical	GenerateFacetDataForModel
GeometryCheckAndAutofix	GetActiveUnits	GetAllLayerNames
GetBBox	GetCSObjects	GetCompInstanceFromRefDes
GetComponentInfo	GetComponentPinInfo	GetComponentPins
GetEditorName	GetLayerInfo	GetMaterialList
GetNetClassNets	GetNetClasses	GetNetConnections
GetNets	GetPolygon	GetPolygonDef
GetPolygonInfo	GetPolygonVoids	GetPortInfo
GetPortInstances	GetProperties	GetProperty Value
GetSelections	GetStackupLayerNames	GetUserGeometryList
Group	Heal	HighlightNet
ImportDXF	ImportGDSII	ImportStackupXML
Intersect	ModifyExtendedNet	ModifyNetClass
Move	PageSetup	Paste
PasteFullDesign	PinConnectivity	PlaceDesign
Point	Polygon	PositionRelative
PushExcitations	RemoveLayer	RemovePort
RemovePortsFromAllNets	RemovePortsFromNet	RemovePortsOnComponents
RemoveVoltageRegulators	ResyncGeometry	ReverseLine
Rotate	SanitizeLayout	Select
SelectAll	SelectAllNetViolations	SelectFirstViolation
SelectNetConnected	SelectPhysicallyConnected	SetActiveUnits
SetCS	SetHfssExtentsVisible	SetHfssPortsVisible

SetLayerMapping
SetNetColor
Snap3D
ToggleNetHighlight
Unite
UpdateVoltageRegulators

SetMCADInstanceAttributes
SetNetVisible
StitchLines
ToggleViaPin
UnselectAll
ZoomToFit

SetMCADModelOrigin
SetPropertyValue
Subtract
Ungroup
UpdateModels

oTool-NdExplorer

CheckCausality
ExportNetworkData

ExportFullWaveSpice
ExtractImpulseResponse

ExportNMFData
SetExportTouchstoneOptions

oTool-ImportExport

ImportANF
ImportAutoCAD
ImportGDSII
ImportIDFandMerge
ImportXFL

ImportANFV2
ImportEDB
ImportGerber
ImportIPC

ImportAWRMicrowaveOffice
ImportExtracta
ImportIDF
ImportODB

oModule-Optimetrics

CopySetup
EditSetup
ExportDOELocalSensitivityCurve
ExportDOEResponseSurface
ExportOptimetricsResult
ExportRespSurfaceMinMaxTable
ExportRespSurfaceResponsePoints
GetChildNames
GetName
GetOptimetricResultRowCount
GetSetupNames
InsertSetup
SetPropValue

DeleteSetups
EnableSetup
ExportDOEResponseCurve
ExportDXConfigFile
ExportParametricResults
ExportRespSurfacePlotToFile
ExportRespSurfaceVerificationPoints
GetChildObject
GetObjPath
GetPropNames
GetSetupNamesByType
PasteSetup
SolveAllSetup

DistributedAnalyzeSetup
ExportDOELocalSensitivity
ExportDOEResponseCurveSlices
ExportOptimetricsProfile
ExportParametricSetupTable
ExportRespSurfaceRefinePoints
GenerateVariationData
GetChildTypes
GetOptimetricResult
GetPropValue
ImportSetup
RenameSetup
SolveSetup

oModule-SolveSetups

Add
Analyze
DeleteMeshOperation
DisplayMesh
EditMeshOperation
ExportToQ3d
GetSetupData
GetSweeps
ListVariations
RenameMeshOperation
ShowMeshErrorDialog

AddMeshOperation
AnalyzeSweep
DeleteMeshOperations
DynamicMeshOverlays
EditSweep
GenerateModelMesh
GetSetups
Layout3DMeshOverlay
RefreshMeshOverlays
RenameSweep
Validate

AddSweep
Delete
DeleteSweep
Edit
ExportToHfss
GetAllSolutionNames
GetSweepInfo
LayoutMeshOverlay
Rename
RevertToInitialMesh

oModule-FieldsReporter

AddMarker
AddNamedExpression
CalcStack
CalculatorWrite
ClcMaterial

AddMarkerToPlot
CalcOp
CalcWrite
ChangeGeomSettings
ClcMaterialValue

AddNamedExpr
CalcRead
CalculatorRead
ClcEval
ClearAllMarkers

ClearAllNamedExpr
DeleteFieldPlot
DeleteUneditablePlot
EnterComplex
EnterEdge
EnterPoint
EnterScalarFunc
EnterVectorFunc
ExportMarkerTable
ExportToFile
GetMeshPlotNames
HidePolarPlot
ModifyFieldPlot
RenamePlotFolder
SetFieldPlotSettings
SetPlotsSolutionContext
ShowPolarPlot
UpdateAllFieldsPlots

CopyNamedExprToStack
DeleteMarker
DoesNamedExpressionExists
EnterComplexVector
EnterLine
EnterQty
EnterSurf
EnterVol
ExportOnGrid
GetFieldFolderNames
GetTopEntryValue
HideRadiatedPlotOverlay
ReassignFieldPlot
SaveFieldsPlots
SetFieldTypeSettings
SetPlotsViewSolutionContext
ShowRadiatedPlotOverlay
UpdateQuantityFieldsPlots

CreateFieldPlot
DeleteNamedExpr
DumpCalculatorStack
EnterCoord
EnterOutputVar
EnterScalar
EnterVector
ExportFieldPlot
ExportPlotImageToFile
GetFieldPlotNames
HideAntennaParameterOverlay
LoadNamedExpressions
RenameFieldPlot
SaveNamedExpressions
SetPlotFolderSettings
ShowAntennaParameterOverlay
Test
XForm

oModule-ReportSetup

AddAllEyeMeasurements
AddCartesianLimitLineFromEquation
AddCartesianYMarkerToStack
AddNote
ApplyReportTemplate
ClearAllTraceCharacteristics
CompareReportDataForRegressionTesting2
CopyPlotSettings
CopyTraceDefinitions
CreateReportFromFile
DeleteAllReports
DeleteTraces
DumpReportDataForRegressionTesting
EditMarker
ExportReportDataToFile
ExportUniformPointsToFile
GetAllReportNames
GetAvailableSolutions
GetChildTypes
GetDynLinkIntrinsicVariables
GetDynLinkTraces
GetObjPath
GetPropertyValue
GetReportTraceNames
GroupPlotCurvesByGroupingStrategy
MovePlotCurvesToGroup
OpenWindowForReports
PasteReportsWithLegacyNames
RenameReport
SavePlotSettingsAsDefault
UngroupPlotCurvesInGroup
UpdateTraces

AddCartesianLimitLine
AddCartesianXMarker
AddDeltaMarker
AddTraceCharacteristics
ChangeProperty
CloneReportsFromDatasetSolution
CompareTracesForRegressionTesting
CopyReportDefinitions
CopyTracesData
CreateReportFromTemplate
DeleteReports
DoesSupportTraceCharacteristics
EditCartesianXMarker
ExportEyeMaskViolation
ExportTableToFile
GetAllCategories
GetAvailableDisplayTypes
GetChildNames
GetCurvePropServerName
GetDynLinkQtyData
GetDynLinkVariableValues
GetPropNames
GetQtyExpressionsForSourceTrace
GetSolutionContexts
ImportIntoReport
MovePlotCurvesToNewGroup
PastePlotSettings
PasteTraces
RenameTrace
SetLinkOutputTraces
UpdateAllReports
UpdateTracesContextAndSweeps

AddCartesianLimitLineFromCurve
AddCartesianYMarker
AddMarker
AddTraces
ClearAllMarkers
CompareReportDataForRegressionTesting
CompareTracesForRegressionTesting2
CopyReportsData
CreateReport
CreateReportOfAllQuantities
DeleteTraceCharacteristics
DumpAllReportsData
EditCartesianYMarker
ExportImageToFile
ExportToFile
GetAllQuantities
GetAvailableReportTypes
GetChildObject
GetDisplayType
GetDynLinkQtyValueState
GetName
GetPropValue
GetReportSummaryForRegressionTesting
GetSolutionDataPerVariation
ImportReportDataIntoReport
OpenWindowForAllReports
PasteReports
PasteTracesWithLegacyNames
ResetPlotSettings
SetPropValue
UpdateReports

oModule-OutputVariable

CreateOutputVariable
EditOutputVariable
GetOutputVariables

DeleteOutputVariable
ExportOutputVariables
ImportOutputVariables

DoesOutputVariableExist
GetOutputVariableValue

oModule-UserDefinedSolutionModule

CreateUserDefinedSolution
GetUserDefinedSolutionNames

DeleteUserDefinedSolutions
GetUserDefinedSolutionProperties

EditUserDefinedSolution

oModule-DV

AddRuleSet
DeleteRun
RenameRuleSet
RunAllRuleSetDV

AddRun
EditRuleSet
RenameRun
RunDV

DeleteRuleSet
EditRun
RunAllDV

oModule-Excitations

Add
AlphaNumericCircuitMatrix
CoupleEdgePorts
DeleteDCIRPort
DeleteSource
EditExcitations
GetAllPortsList
RemoveRefPort
ReorderCircuitMatrix
SelectInLayout
SetDiffPairs

AddRefPort
AlphaNumericMatrix
DecoupleEdgePorts
DeleteExcitation
Edit
GetAllBoundariesList
LoadDiffPairsFromFile
Rename
ReorderMatrix
SetCircuitDiffPairs
UpdateSources

AddRefPortUsingEdges
ConvertToCoax
Delete
DeleteProbePortAndVia
EditCircuitPort
GetAllCircuitPortsList
MultiEdit
RenameSource
SaveDiffPairsToFile
SetCircuitExcitations