

2020-12-30	V1.0	Xu Min, Chen Jingqian, Li Daqing, Han Yu	Initial Version
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Application

Map	CarRadio	FaceOS	CarToPhone	Radio	Engineering mode	Launcher	E-Manual	SmartScene
VedioPlayer	Movie	FaceID	Bodyguard	System Settings	EOL	VPA	Vehicle settings	DataPlan
BaiduInput	Take-away	Personal Center		BT Phone	RVC/360	HVAC	Calendar	V2I
Car2Home	Maintenance	CarPhotoes		USB/BT Music		Account	Supprise Message	FordCreidt
Hotel	Message Server	DuerOSParkin g		Local Video		Relax	Co-driver	

	AOSP
	Ford
	YFVE
	Baidu

Framework API

Android SDK	SyncClient	SecurityLogS DK	Bluetooth	CarAudio Manager	CarDrivingSt ateManager	VoiceManager
	CustomesDK	Advanced encryptionSD K	MultiDisplay	CarPowerMana ger	CarSensorMan ager	SOAManager
	VPASDK		Radio	CarInputMana ger	CarUXRestrict ionsManager	BezelDiagnos ticManager
	PrivacySDK		Media	CarinfoManag er	CarCabinMana ger	Provisioning Service
	Whitebox encryption			CarHavcManag er	FordAudioMan ager	

Framework

SyncService	SystemUI	WindowManage rService	StatusBarSer vice	Boot Animation	Log System	AudioService	Camera Service	CarAudioServ ice	CarPropertyS ervice	SOAService	IPPTManagerS ervice
DuerOSAuto	ActivityMana gerService	Notification ManagerServi ce	View System	Boot Performance	USBSERVICE	RadioService		CarInputServ ice	FordAudioSer vice	WIRService	CCSManagerSe rvice
BdPrivacy	ResourceMana gerService	PackageManag erService	Content Provider	InputMethodS ervice	Surface Flinger	Telephony		CarDrivingSt ateService	FCS	BezelDiagnos ticService	RoctetSetupS ervice
Bdcleaner	PowerManager Service	MultiDisplay	LocationMana gerService	Connectivity Service	Upgrade Service	Lights Service		CarUxRestrict ionsService	Voice Service	Provisioning Service	SecurityServ ice
APPPProtectio n	WifiService	Bluetooth profiles	Media	InputService	StorageManag erService	NetworkServi ce		CarPowerServ ice	TSP Service	CEDTEManager Service	

Libraries/Runtime

Webkit	OpenMax	Android Runtime (ART)	Bdkeystore	System optimization service	WPA	DBUS	Netd	CM	OTA	IPPT
OPenGLS	SQLite	Android Core Libraries	Bd Firewall service	Security log service	Bluetooth Stack	IPCL	Log	SOAGateway	VNM	FCI
SSL	BionicC							CCSMD	Dignostics&A nalyze	

HAL

Audio	Media	Display	Bluetooth	Power	Vold	USB	Vehicle
Broadcast Radio	Camera	Sensors	WIFI	Lights	Location	BootCtrl	

Kernel

UART	SPI	GPIO	I2C	I2S	SDIO	LVDS	V4L2/AIS	IPC Bridge	Bd firewall	Baidu TA	Ford TA
USB	Input	Wifi	Bluetooth	WDG	IPCL	GNSS	Tiny ALSA	File System	Bd hot patch	TEE OS	
V. Block	V. Network	V. pmic_GPIO	V. Touch	V. Display	V. DRM	V. VPU	V. GPU	V. Secure			

TEE