



Category	Each Exposed Downstream Port									
	EH Interoperability	Drop	Drop	LSSQ Downstream	FSSQ Downstream	HSSQ Downstream	Electrical Protocols	PET EH Test Scripts	BCv1.2 Check PET Test	Battery Charging v1.2
High-speed host	✓	✓	⓪	⊖	✓	✓	✓	✓	✓	⊖
Full-speed host	✓	✓	⓪	⊖	✓	✓	✓	✓	✓	⊖
Low-speed host	✓	✓	⓪	✓				✓	✓	⊖

Category	Function/Interface			Peripheral										Host							
	Gold-tree Interoperability	Avg Current Draw	USB20CV USB30CV	Inrush	Back-voltage	LSSQ Upstream	FSSQ Upstream	HSSQ Upstream	Electrical Protocols	Receiver Sensitivity	BCv1.2 Check PET Test	Battery Charging v1.2	TPL Interoperability	LSSQ Downstream	FSSQ Downstream	HSSQ Downstream	Electrical Protocols	Drop	Drop	BCv1.2 Check PET Test	Battery Charging v1.2
Low-speed peripheral/Low-speed host	✓	✓	✓	✓	✓	✓					✓	⊖	✓	✓				✓	⊖	✓	⊖
Full-speed peripheral/Low-speed host	✓	✓	✓	✓	✓	✓					✓	⊖	✓	✓				✓	⊖	✓	⊖
High-speed peripheral/Low-speed host	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	⊖	✓	✓				✓	⊖	✓	⊖
Low-speed peripheral/Full-speed host	✓	✓	✓	✓	✓	✓					✓	⊖	✓	⊖	✓			✓	⊖	✓	⊖
Full-speed peripheral/Full-speed host	✓	✓	✓	✓	✓		✓				✓	⊖	✓	⊖	✓			✓	⊖	✓	⊖
High-speed peripheral/Full-speed host	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	⊖	✓	⊖	✓			✓	⊖	✓	⊖
Low-speed peripheral/High-speed host	✓	✓	✓	✓	✓	✓					✓	⊖	✓	⊖	✓	✓	✓	✓	⊖	✓	⊖
Full-speed peripheral/High-speed host	✓	✓	✓	✓	✓		✓				✓	⊖	✓	⊖	✓	✓	✓	✓	⊖	✓	⊖
High-speed peripheral/High-speed host	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	⊖	✓	⊖	✓	✓	✓	✓	⊖	✓	⊖

Category	Function/Interface			Peripheral						Host						Host and Peripheral				
	Gold-tree Interoperability	Avg Current Draw	USB20CV USB30CV	Inrush	Back-voltage	FSSQ Upstream	HSSQ Upstream	Electrical Protocols	Receiver Sensitivity	LSSQ Downstream	FSSQ Downstream	HSSQ Downstream	Electrical Protocols	Drop	TPL Interoperability	OET	FS OPT	HS OPT	BCv1.2 Check PET Test	Battery Charging v1.2
Full-speed peripheral/Full-speed OTG host	✓	✓	✓	✓	✓	✓	✓	✓	✓	⊖	✓		✓	✓	✓	✓		✓	⊖	✓
High-speed peripheral/Full-speed OTG host	✓	✓	✓	✓	✓	✓	✓	✓	✓	⊖	✓	✓	✓	✓	✓	✓	✓	✓	⊖	✓
Full-speed peripheral/High-speed OTG host	✓	✓	✓	✓	✓	✓				⊖	✓		✓	✓	✓	✓	✓	✓	⊖	✓
High-speed peripheral/High-speed OTG host	✓	✓	✓	✓	✓	✓	✓	✓	✓	⊖	✓	✓	✓	✓	✓	✓	✓	✓	⊖	✓
Low-speed peripheral or Low-speed only host (prohibited)																				

① performed if supported

② performed if multiple downstream ports exist