

Lontium Semiconductor Corporation is a fabless design house established in 2006 with design centers, sales & support offices in Hefei, Shenzhen and Hongkong China. Lontium focuses on developing and marketing high-speed interface chips, embedded GPUs and ultra high-definition display drivers targeted for wide range high-definition multi-media applications. Based on ClearEdge technology, we strive to provide the best products and services for our customers worldwide.



Converts to								
	HDMI 2.1	HDMI 2.0	HDMI 1.4	Type-C	DP1.4	DP1.2	VGA	
HDMI 2.1	LT8668SX	LT8668SX	LT8668SX		LT8668SX	LT8668SX		
HDMI 2.0		LT86121EX LT86121TXE LT86121RXE LT8631UX LT8641UX LT86101UXE	LT86102UX LT86104UX LT8641UXE LT8642UX LT86102UXE LT8612UX	LT6711A/B		LT6711A/B	LT8612UX	
HDMI 1.4			LT8631SX LT8641SX LT86101SX LT86102SX	LT86104SX LT8612SX LT8612X-M LT8612SX	LT9721 LT86101HC	LT9721	LT8612SX LT8511EX LT8522EX	
Type-C	LT8668SX LT8711GX	LT8711EH-C LT8711UX LT8712EXI	LT8711HE LT8712EXC LT8712X	LT8711H LT8711H-C LT86101CH	LT87101C	LT8668SX	LT87101CD	LT8711V LT8712 LT8712X LT8712EXI LT8712EXC
DP1.4	LT8668SX LT8711GX					LT8668SX		
DP1.2	LT8668SX	LT8711EH-C LT8711HE LT8711UX	LT8712EXC LT8712EXI LT8712X	LT8711H LT8711H-C LT8712 LT86101CH	LT87101DC		LT87101	LT8711V LT8712 LT8712X LT8712EXI LT8712EXC
Dual Mode DP		LT86101X		LT8611SX LT86101X				LT8711
VGA				LT8522EX LT8522X				LT8522EX
eDPx						LT87121 LT87912		
eDP	LT8668SX	LT8711EH-C LT8711HE LT8711UX	LT8712EXC LT8712EXI LT8712X	LT8711H LT8711H-C LT8712 LT86101CH	LT87101C	LT87101CD		LT8711V LT8712 LT8712X LT8712EXI LT8712EXC
LVDS		LT2611UX LT2611UXC		LT2611UX LT2611UXC				
MIPI		LT9611UX LT9611UXC		LT8912B LT9611	LT9721 LT9711	LT9721 LT9711		
RGB				LT8618EXB LT8618SXB	LT8718	LT8718		
BT656 BT1120				LT8618EXB LT8618SX	LT8718	LT8718		
USB								

Partner's Referecne Design

*Parts in red are in design status.



Converts to								
	VGA	eDPx	eDP	LVDS	MIPI	RGB	BT656 BT1120	USB
HDMI 2.1		LT8668SX	LT8668SX	LT8668SX LT6211GX	LT8668SX LT6211GX			
HDMI 2.0	LT8612UX	LT8668SX	LT6711A/B	LT6211UX LT6211UXC	LT6911UX LT6911UXC			
HDMI 1.4	LT8612SX LT8511EX LT8522EX		LT9721	LT8619B LT8619C LT6211 LT6211B LT6211C	LT6911 LT6911B LT6911C	LT8619B LT8619C	LT8819EX LT8619C	
Type-C	LT8711V LT8712 LT8712EX LT8712XC	LT8668SX	LT8668SX	LT7211 LT7211B LT7211D	LT7911 LT7911B LT7911D			
DP1.4		LT8668SX	LT8668SX	LT8668SX	LT8668SX			
DP1.2	LT8711V LT8712 LT8712X LT8712EX LT8712XC			LT7211 LT7211B LT7211D	LT7911 LT7911B LT7911D			
Dual Mode DP	LT8711			LT8619B LT8619C		LT8619B LT8619C	LT8619C	
VGA	LT8522EX			LT8668 EX		LT8668EX		
eDPx			LT87121 LT87912		LT89121 LT87921			
eDP	LT8711V LT8712 LT8712X LT8712EX LT8712XC	LT8668SX		LT7211 LT7211B LT7211D	LT7911 LT7911B LT7911D			
LVDS			LT8911EX	LT89101 LT9211 LT2911R-D	LT8918L LT2911 LT2911R-D	LT92 11 LT2911R-D	LT9211 LT2911R-D	
MIPI			LT8911EXB LT9721 LT9711	LT8912B LT89101L LT2911R-D	LT89101 LT9211 LT2911R-D	LT92 11 LT2911R-D	LT9211 LT2911R-D	
RGB			LT8718	LT9211 LT2911R-D	LT8918 LT9211 LT2911R-D	LT9211 LT2911R-D	LT9211 LT2911R-D	
BT656 BT1120			LT8718	LT9211 LT2911R-D	LT89 18 LT9211 LT2911R-D	LT9211 LT2911R-D	LT9211 LT2911R-D	
USB								LT8311X2 LT8311XE/Q LT8312

*Parts in red are in design status.

