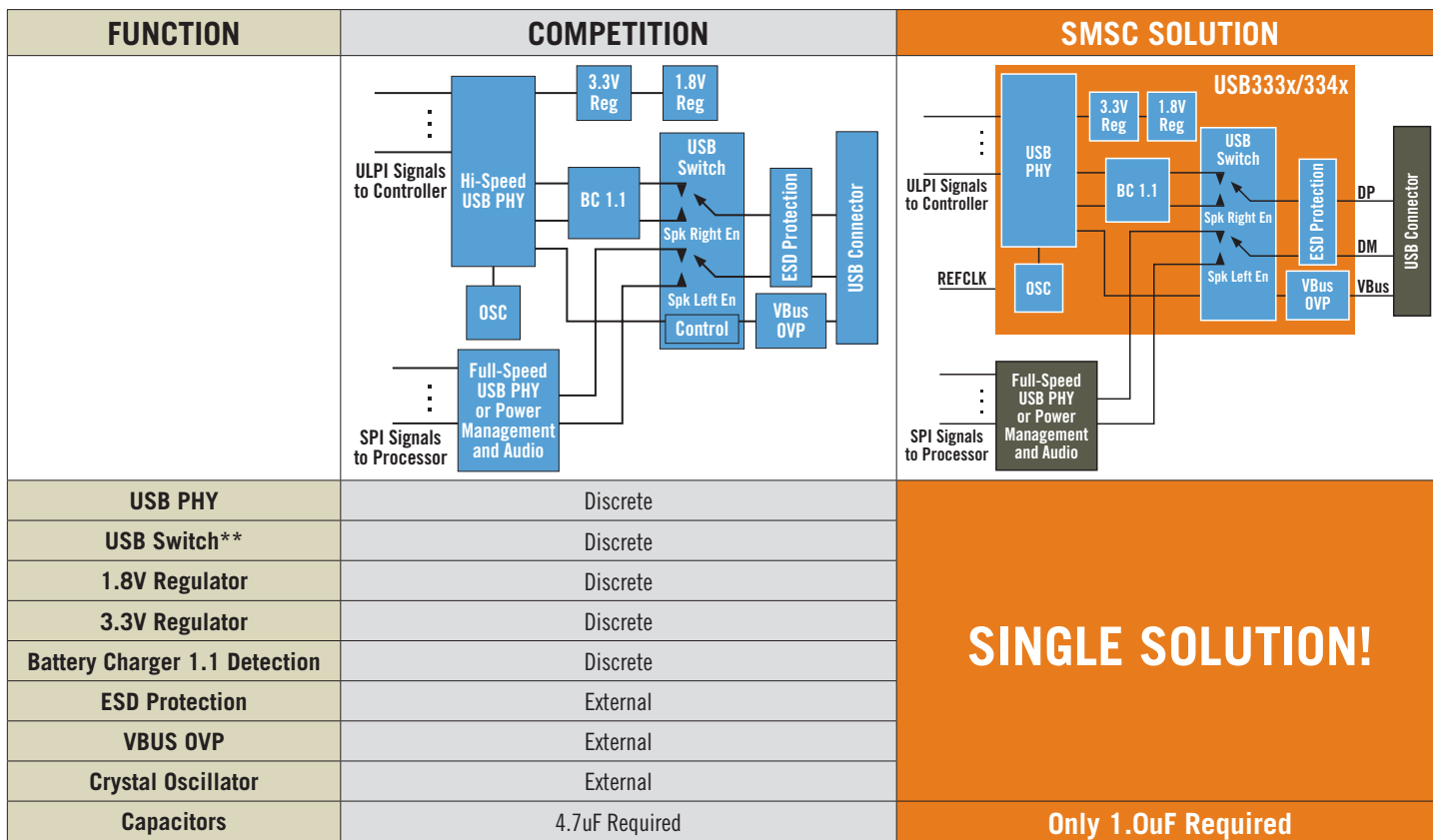## SMSC RapidCharge Anywhere Provides:

- 3X the charging current through a USB port over traditional solutions
- USB-IF Battery Charging 1.1 support to any portable device
- Charging current up to 1.5Amps via compatible USB host or dedicated charger
- Dedicated Charging Port (DCP), Charging (CDP) and Standard (SDP) Downstream Port support
- Complete USB charging ecosystem between device and host

USB333X/334X FAMILY INTEGRATES EIGHT FUNCTIONS INTO ONE SOLUTION!

FUNCTION	COMPETITION	SMSC SOLUTION
USB PHY	Discrete	
USB Switch**	Discrete	
1.8V Regulator	Discrete	
3.3V Regulator	Discrete	**SINGLE SOLUTION!**
Battery Charger 1.1 Detection	Discrete	
ESD Protection	External	
VBUS OVP	External	
Crystal Oscillator	External	
Capacitors	4.7uF Required	Only 1.0uF Required

USB333X FAMILY SELECTOR GUIDE

Part Number	Package	Reference Frequency***	I/O Voltage	Integrated Switch
USB3330	WLCSP	Multi	1.8V	No
USB3331		26MHz	1.8V	Yes
USB3333		19.2/26MHz	1.8 - 3.3V	No
USB3336		19.2MHz	1.8V	Yes
USB3338		38.4MHz	1.8V	No

USB334X FAMILY SELECTOR GUIDE

Part Number	Package	Reference Frequency***	I/O Voltage	Integrated Switch
USB3340	QFN	Multi	1.8 - 3.3V	Yes
USB3341		26MHz	1.8V	Yes
USB3343		26MHz Crystal	1.8 - 3.3V	No
USB3346		19.2MHz	1.8V	Yes

*USBCheck online design review service requires an SMSC e-Services account and is subject to the terms and conditions listed on SMSC's website
** Integrated USB switch available on select part numbers
*** All parts support ULPI clock 60MHz in mode

For more information visit www.smsc.com or call 1.800.443.SEMI

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