



# Efficiency, Safety, Simplicity NXP's Smart Power Solutions

## Selection Guide

The products of NXP's innovative GreenChip power portfolio are aimed at enabling smarter and more energy efficient power solutions. The NXP Power Selection Guide provides you with a breakdown of our best-in-class AC to DC converters and available demoboards. Demo boards come with the right form factor and target specification to simplify the design-in process and the portfolio is supported by free online design tools.



## AC-DC SOLUTIONS UPDATES

Range / Segment	Computing	Gaming	Display	Portable		Miscellaneous
				Type-C	non-Type-C	
<b>Applications</b>	PCPower All in One Printer Cable Modems Gateways and Routers	Portable Games Consoles Wired Games Consoles	Flat Panel TVs Monitors	Smart Phones Tablet Notebook Ultrabook Detachable laptop E-reader	Notebook Netbook Ultrabook Convertible laptop	Consumer Home Appliance Industrial Health Care Personal Hygiene Lighting Auxiliary
<b>15 - 45W</b>	<a href="#">TEA1833DB1361</a> 45W/19.5V FF/CCM Flyback	<a href="#">TEA1833DB1361</a> 45W/19.5V FF/CCM Flyback	<a href="#">TEA1833DB1361</a> 45W/19.5V FF/CCM Flyback	<a href="#">TEA1936xDB1475</a> 27W USB PD2.0 + QC2.0/3.0 27W USB PD2.0 + QC2.0/3.0 PD: 5, 9, 12V QC3.0: 3.3V.....12V  <a href="#">TEA1936xDB1530</a> 27W USB PD3.0, 5, 9, 12V QC4.0/4.0+, 3.3V.....11V  <a href="#">TEA1936xDB1463</a> 45W USB PD2.0 + QC2.0/3.0 PD: 5, 9, 12, 20V QC3.0: 3.3V.....12V	<a href="#">TEA1833DB1361</a> 45W/19.5V FF/CCM Flyback	<a href="#">TEA1833DB1361</a> 45W/19.5V FF/CCM Flyback
<b>45 - 75W</b>	<a href="#">TEA1833DB1361</a> 45W/19.5V FF/CCM Flyback	<a href="#">TEA1833DB1361</a> 45W/19.5V FF/CCM Flyback	<a href="#">TEA1833DB1361</a> 45W/19.5V FF/CCM Flyback		<a href="#">TEA1833DB1361</a> 45W/19.5V FF/CCM Flyback	<a href="#">TEA1833DB1361</a> 45W/19.5V FF/CCM Flyback
<b>75 - 120W</b>	<a href="#">TEA1755DB1100</a> 90W/19.5V QR/DCM PFC + QR/DCM Flyback  <a href="#">TEA1716DB1255</a> 90W/19.5V QR/DCM PFC + LLC	<a href="#">TEA1755DB1100</a> 90W/19.5V QR/DCM PFC + QR/DCM Flyback	<a href="#">TEA1755DB1100</a> 90W/19.5V QR/DCM PFC + QR/DCM Flyback  <a href="#">TEA1716DB1255</a> 90W/19.5V QR/DCM PFC + LLC	<a href="#">TEA1755DB1100</a> 90W/19.5V QR/DCM PFC + QR/DCM Flyback  <a href="#">TEA1716DB1255</a> 90W/19.5V QR/DCM PFC + LLC	<a href="#">TEA1755DB1100</a> 90W/19.5V QR/DCM PFC + QR/DCM Flyback  <a href="#">TEA1716DB1255</a> 90W/19.5V QR/DCM PFC + LLC	<a href="#">TEA1755DB1100</a> 90W/19.5V QR/DCM PFC + QR/DCM Flyback  <a href="#">TEA1716DB1255</a> 90W/19.5V QR/DCM PFC + LLC
<b>&gt; 120W</b>	<a href="#">TEA1916DB1262</a> 240W/12V QR/DCM PFC + LLC	<a href="#">TEA1916DB1262</a> 240W/12V QR/DCM PFC + LLC	<a href="#">TEA1916DB1262</a> 240W/12V QR/DCM PFC + LLC		<a href="#">TEA1916DB1262</a> 240W/12V QR/DCM PFC + LLC	<a href="#">TEA1916DB1262</a> 240W/12V QR/DCM PFC + LLC
<b>Companion IC</b>	<a href="#">TEA1708DB1168</a> Active X-cap discharge  <a href="#">TEA1993DB1357</a> SR controller IC / Multi-Output voltages low RDS_on MOSFET  <a href="#">TEA1998DB1453</a> SR contr. IC / Vout = 2 - 8V / 5A low RDS_on MOSFET  <a href="#">TEA1999DB1504</a> SR controller IC / Multi-Output voltages low RDS_on MOSFET  <a href="#">TEA1999DB1546</a> SR controller IC / Multi-Output voltages low RDS_on MOSFET	<a href="#">TEA1708DB1168</a> Active X-cap discharge  <a href="#">TEA1993DB1357</a> SR controller IC / Multi-Output voltages low RDS_on MOSFET  <a href="#">TEA1998DB1453</a> SR contr. IC / Vout = 2 - 8V / 5A low RDS_on MOSFET  <a href="#">TEA1999DB1504</a> SR controller IC / Multi-Output voltages low RDS_on MOSFET  <a href="#">TEA1999DB1546</a> SR controller IC / Multi-Output voltages low RDS_on MOSFET	<a href="#">TEA1708DB1168</a> Active X-cap discharge  <a href="#">TEA1993DB1357</a> SR controller IC / Multi-Output voltages low RDS_on MOSFET  <a href="#">TEA1998DB1453</a> SR contr. IC / Vout = 2 - 8V / 5A low RDS_on MOSFET  <a href="#">TEA1999DB1504</a> SR controller IC / Multi-Output voltages low RDS_on MOSFET  <a href="#">TEA1999DB1546</a> SR controller IC / Multi-Output voltages low RDS_on MOSFET	<a href="#">TEA1993DB1357</a> SR controller IC / Multi- Output voltages low RDS_on MOSFET  <a href="#">TEA1998DB1453</a> SR contr. IC / Vout = 2 - 8V / 5A low RDS_on MOSFET  <a href="#">TEA1999DB1504</a> SR controller IC / Multi-Output voltages low RDS_on MOSFET  <a href="#">TEA1999DB1546</a> SR controller IC / Multi-Output voltages low RDS_on MOSFET	<a href="#">TEA1708DB1168</a> Active X-cap discharge  <a href="#">TEA1993DB1357</a> SR controller IC / Multi-Output voltages low RDS_on MOSFET  <a href="#">TEA1998DB1453</a> SR contr. IC / Vout = 2 - 8V / 5A low RDS_on MOSFET  <a href="#">TEA1999DB1504</a> SR controller IC / Multi-Output voltages low RDS_on MOSFET  <a href="#">TEA1999DB1546</a> SR controller IC / Multi-Output voltages low RDS_on MOSFET	<a href="#">TEA1708DB1168</a> Active X-cap discharge  <a href="#">TEA1993DB1357</a> SR controller IC / Multi-Output voltages low RDS_on MOSFET  <a href="#">TEA1998DB1453</a> SR contr. IC / Vout = 2 - 8V / 5A low RDS_on MOSFET  <a href="#">TEA1999DB1504</a> SR controller IC / Multi-Output voltages low RDS_on MOSFET  <a href="#">TEA1999DB1546</a> SR controller IC / Multi-Output voltages low RDS_on MOSFET

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