








Website review poweresim.com

Generated on September 10 2024 10:44 AM





The score is 51/100







SEO Content

|  | <p>Title</p> | <p>PowerEsim - Free SMPS Switching Power Supply / Transformer Design Software</p> <p>Length : 74</p> <p>Ideally, your title should contain between 10 and 70 characters (spaces included). Use this free tool to calculate text length.</p> | | | | | | | | | | | | |
|--|---------------------------|--|----|----|----|----|----|----|---|---|---|---|---|---|
|  | <p>Description</p> | <p>PowerEsim is free SMPS power supply design, manufacturer & product database/list, switching converter topologies, circuit analysis, magnetic design software, transformer/inductor simulation & calculation software, DVT, Differential mode EMI simulation, EMI measurement, Harmonics, Thermal, MTBF, Life time and Monte Carlo analysis tool. It support LED driver design, PFC, notebook adaptor, phone charger, DVD, TV, PC, ballast, dc-dc, ac-dc, dc-ac converter etc.</p> <p>Length : 461</p> <p>Ideally, your meta description should contain between 70 and 160 characters (spaces included). Use this free tool to calculate text length.</p> | | | | | | | | | | | | |
|  | <p>Keywords</p> | <p>PowerEsim, SMPS Design, Tranformer design, power supply design, EMI, EMC, EMI Simulation Software, EMI measurement, EMI Design and Simulation, EMI Testing Software, Electromagnetic Interference, Electromagnetic compatibility, power supply manufacturer, LED driver design, inductor, magnetic design,magnetic design software, power converter, flyback, ZVS full bridge, PFC CCM, PFC DCM, LLC, Ballast, Thermal, Life, Waveform, MTBF, DVT, PSIM, POWERSIM, Transim, PESIM</p> <p>Good, your page contains meta keywords.</p> | | | | | | | | | | | | |
|  | <p>Og Meta Properties</p> | <p>This page does not take advantage of Og Properties. This tags allows social crawler's better structurize your page. Use this free og properties generator to create them.</p> | | | | | | | | | | | | |
|  | <p>Headings</p> | <table border="1" data-bbox="544 1877 1481 1944"> <thead> <tr> <th>H1</th> <th>H2</th> <th>H3</th> <th>H4</th> <th>H5</th> <th>H6</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2</td> <td>0</td> <td>1</td> <td>0</td> <td>0</td> </tr> </tbody> </table> <ul data-bbox="619 1977 1449 2078" style="list-style-type: none"> [H1] PowerEsim, a free (SMPS) switch mode power supply design software and Transformer Design, Magnetic Design, Simulation,Calculation Software Tool | H1 | H2 | H3 | H4 | H5 | H6 | 1 | 2 | 0 | 1 | 0 | 0 |
| H1 | H2 | H3 | H4 | H5 | H6 | | | | | | | | | |
| 1 | 2 | 0 | 1 | 0 | 0 | | | | | | | | | |

SEO Content

| | | |
|---|-----------------|--|
| | | <ul style="list-style-type: none"> • [H2] What is Power Supply/Power converter? • [H2] About Power Supply Unit, Switching Mode Power Supply (SMPS) and PowerEsim • [H4] Use of cookie |
|  | Images | <p>We found 119 images on this web page.</p> <p>89 alt attributes are empty or missing. Add alternative text so that search engines can better understand the content of your images.</p> |
|  | Text/HTML Ratio | <p>Ratio : 6%</p> <p>This page's ratio of text to HTML code is below 15 percent, this means that your website probably needs more text content.</p> |
|  | Flash | Perfect, no Flash content has been detected on this page. |
|  | Iframe | Too Bad, you have Iframes on the web pages, this mean that content in an Iframe cannot be indexed. |

SEO Links

| | | |
|---|-------------------------|---|
|  | URL Rewrite | Bad. Your links have query string. |
|  | Underscores in the URLs | We have detected underscores in your URLs. You should rather use hyphens to optimize your SEO. |
|  | In-page links | We found a total of 138 links including 35 link(s) to files |
|  | Statistics | <p>External Links : noFollow 0%</p> <p>External Links : Passing Juice 84.06%</p> <p>Internal Links 15.94%</p> |

In-page links

| Anchor | Type | Juice |
|---|----------|---------------|
| Privacy Policy | Internal | Passing Juice |
| https://www.infineon.com/cms/en/myInfineon/benefits/ | External | Passing Juice |

In-page links

| | | |
|--|----------|---------------|
| www.powerEsim.com | External | Passing Juice |
| More Tools | External | Passing Juice |
| Account Management | Internal | Passing Juice |
| Options | Internal | Passing Juice |
| Preferences | Internal | Passing Juice |
| User Manual | External | Passing Juice |
| Disclaimer | Internal | Passing Juice |
| Reset to default | External | Passing Juice |
| Simple Flyback RCD | External | Passing Juice |
| Flyback PWM+S RCD | External | Passing Juice |
| Flyback Pri-Fb Quick Start | External | Passing Juice |
| RCC Flyback AC/DC | External | Passing Juice |
| LED Driver with PFC | External | Passing Juice |
| PFC CCM AC/DC | External | Passing Juice |
| PFC DCM AC/DC | External | Passing Juice |
| Interleaved PFC CCM | External | Passing Juice |
| Interleaved PFC DCM AC-DC | External | Passing Juice |
| Boost DC-DC | External | Passing Juice |
| Buck AC/DC | External | Passing Juice |
| Buck Boost DC-DC | External | Passing Juice |
| Buck-Sync AC/DC | External | Passing Juice |
| Active Clamp AC/DC | External | Passing Juice |
| Resonate Reset Foward AC-DC | External | Passing Juice |
| Lossless Snubber Forward AC-DC | External | Passing Juice |
| LLC AC/DC | External | Passing Juice |
| LLC+SR AC/DC | External | Passing Juice |
| Full Bridge AC/DC | External | Passing Juice |
| Half Bridge AC/DC | External | Passing Juice |

In-page links

| | | |
|--|----------|---------------|
| Asym Half Bridge AC/DC | External | Passing Juice |
| Phase Bridge AC/DC | External | Passing Juice |
| Push Pull AC/DC | External | Passing Juice |
| DC-AC H Bridge Inverter | External | Passing Juice |
| DC-AC Half Bridge Inverter | External | Passing Juice |
| Totem Pole PFC AC/DC | External | Passing Juice |
| Interleaved 2W Forward DC-DC | External | Passing Juice |
| VRM 1 Phase DC-DC | External | Passing Juice |
| Dual Vin Sync-Buck | External | Passing Juice |
| HV Integrated Buck DCDC V2 | External | Passing Juice |
| Standalone Xformer Design | External | Passing Juice |
| More Topologies . . . | External | Passing Juice |
| Login | External | Passing Juice |
| About | External | Passing Juice |
| Free Account | External | Passing Juice |
| Help Video | External | Passing Juice |
| Support | External | Passing Juice |
| Statistics | External | Passing Juice |
| Testimonials | External | Passing Juice |
| Custom Design | External | Passing Juice |
| PowerECal | External | Passing Juice |
| &nbsp;- Infineon 14W 12V 5V 5V REF_5BR3995CZ_16W1 | External | Passing Juice |
| &nbsp;- Infineon 5.4W 18V EVAL_5BR3995BZ_BUCK1 | External | Passing Juice |
| &nbsp;- Infineon 10.5W 15V EVAL_5BR2280BZ_700MA1 | External | Passing Juice |
| &nbsp;- Infineon 6.75W 15V EVAL_5BR4780BZ_450mA1 | External | Passing Juice |
| &nbsp;- Infineon 24 W 12 V 5 V DEMO_5QR2280BG_24W1 | External | Passing Juice |
| &nbsp;- Infineon 60 W 12 V 5 V DEMO_5ASAG_60W1 | External | Passing Juice |
| &nbsp;- Infineon 14 W 15 V 5 V DEMO_5AR4770AG_14W1 | External | Passing Juice |

In-page links

| | | |
|---|----------|---------------|
| &nbsp; - Infineon 44 W 12 V DEMO_5AR0680BZS_44W1 | External | Passing Juice |
| &nbsp; - Infineon 15 W 12 V 5 V DEMO_5QR4780BG_15W1 | External | Passing Juice |
| &nbsp; - Infineon 42W 12V 5V DEMO_5QR0680BG_42W1 | External | Passing Juice |
| &nbsp; - Infineon 15W 12V REF_5AR4770BZS_15W1 | External | Passing Juice |
| &nbsp; - Infineon 14W 5V 15V DEMO_5GR4780AG_14W1 | External | Passing Juice |
| &nbsp; - Infineon 3W 5V REF_5AR4770AG_3W1 | External | Passing Juice |
| &nbsp; - Infineon 18W 12V REF_5GSAG_18W1 | External | Passing Juice |
| &nbsp; - Infineon 8W 5V 12V REF_5AR4770BZS_8W1 | External | Passing Juice |
| &nbsp; - Infineon 24W 5V 12V DEMO_5QR2280AZ_24W1 | External | Passing Juice |
| &nbsp; - Infineon 33W 5V 12V REF_5QR1070AZ_33W1 | External | Passing Juice |
| &nbsp; - Infineon 16W 5V 12V DEMO_5QR4780AZ_16W1 | External | Passing Juice |
| &nbsp; - Infineon 27W 5V 12V DEMO_5GR1680AG_27W1 | External | Passing Juice |
| &nbsp; - Infineon 22W 5V 12V DEMO_5GR2280AG_22W1 | External | Passing Juice |
| &nbsp; - Infineon 15W 5V 12V DEMO_5QR4770AG_15W1 | External | Passing Juice |
| &nbsp; - Infineon 44W 12V DEMO_5AR0680AG_44W1 | External | Passing Juice |
| &nbsp; - Infineon 60W 19V DEMO_5GSAG_60W1 | External | Passing Juice |
| &nbsp; - Infineon 10W 5V REF-10W ADAPTER | External | Passing Juice |
| &nbsp; - Infineon 15W 5V REF-15W ADAPTER | External | Passing Juice |
| &nbsp; - Infineon 15W 5V REF-15W_CE1K5 ADAPTER | External | Passing Juice |
| &nbsp; - Infineon 15W 5V REF-15W_CE1K0 ADAPTER | External | Passing Juice |
| &nbsp; - Infineon 15W 5V REF-15W THINPAK ADAPTER | External | Passing Juice |
| &nbsp; - Infineon 300W 400V EVALPFC3-ICE3PCS01 | External | Passing Juice |
| &nbsp; - Empower GaN 65W 20V 3.25A EMM9988A-G4-V1 | External | Passing Juice |
| &nbsp; - Boost Converter Tutorial Template | External | Passing Juice |
| &nbsp; - Buck Converter Tutorial Template | External | Passing Juice |
| &nbsp; - 160 W PFC AC-DC | External | Passing Juice |
| | External | Passing Juice |
| www.lintron.com | External | Passing Juice |

In-page links

| | | |
|--|----------|---------------|
| Lead&nbsp;Wire | External | Passing Juice |
| Power&nbsp;cord | External | Passing Juice |
| TIW&nbsp;and&nbsp;Copper&nbsp;wires | External | Passing Juice |
| DC&nbsp;Products | External | Passing Juice |
| Plastic&nbsp;Parts | External | Passing Juice |
| | External | Passing Juice |
| Introduction to PowerEsim | Internal | Passing Juice |
| User Interface Practice | Internal | Passing Juice |
| Getting Start | Internal | Passing Juice |
| Loss Analysis | Internal | Passing Juice |
| Waveform Analysis | Internal | Passing Juice |
| Loop Analysis | Internal | Passing Juice |
| Thermal Analysis | Internal | Passing Juice |
| MTBF Analysis | Internal | Passing Juice |
| BOM Builder | Internal | Passing Juice |
| DVT Analysis | Internal | Passing Juice |
| Magnetic Builder | Internal | Passing Juice |
| Add Part Module | Internal | Passing Juice |
| Smart Optimizer | Internal | Passing Juice |
| Magnetic Builder | Internal | Passing Juice |
| Terminology - Power Supply Design/ Transformer Design | Internal | Passing Juice |
| Guide and Resources page for Power Electronics | Internal | Passing Juice |
| Power inverters | Internal | Passing Juice |
| &nbsp;- Infineon 14W 12V 5V 5V REF_5BR3995CZ_16W1 | External | Passing Juice |
| &nbsp;- Infineon 5.4W 18V EVAL_5BR3995BZ_BUCK1 | External | Passing Juice |
| &nbsp;- Infineon 10.5W 15V EVAL_5BR2280BZ_700mA1 | External | Passing Juice |
| &nbsp;- Infineon 6.75W 15V EVAL_5BR4780BZ_450mA1 | External | Passing Juice |
| &nbsp;- Infineon 24 W 12 V 5 V DEMO_5QR2280BG_24W1 | External | Passing Juice |

In-page links

| | | |
|--|----------|---------------|
| &nbsp;- Infineon 60 W 12 V 5 V DEMO_5ASAG_60W1 | External | Passing Juice |
| &nbsp;- Infineon 14 W 15 V 5 V DEMO_5AR4770AG_14W1 | External | Passing Juice |
| &nbsp;- Infineon 44 W 12 V DEMO_5AR0680BZS_44W1 | External | Passing Juice |
| &nbsp;- Infineon 15 W 12 V 5 V DEMO_5OR4780BG_15W1 | External | Passing Juice |
| &nbsp;- Infineon 42W 12V 5V DEMO_5OR0680BG_42W1 | External | Passing Juice |
| &nbsp;- Infineon 15W 12V REF_5AR4770BZS_15W1 | External | Passing Juice |
| &nbsp;- Infineon 14W 5V 15V DEMO_5GR4780AG_14W1 | External | Passing Juice |
| &nbsp;- Infineon 3W 5V REF_5AR4770AG_3W1 | External | Passing Juice |
| &nbsp;- Infineon 18W 12V REF_5GSAG_18W1 | External | Passing Juice |
| &nbsp;- Infineon 8W 5V 12V REF_5AR4770BZS_8W1 | External | Passing Juice |
| &nbsp;- Infineon 24W 5V 12V DEMO_5OR2280AZ_24W1 | External | Passing Juice |
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| &nbsp;- Infineon 15W 5V 12V DEMO_5OR4770AG_15W1 | External | Passing Juice |
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| &nbsp;- Infineon 15W 5V REF-15W_CE1K5 ADAPTER | External | Passing Juice |
| &nbsp;- Infineon 15W 5V REF-15W_CE1K0 ADAPTER | External | Passing Juice |
| &nbsp;- Infineon 15W 5V REF-15W THINPAK ADAPTER | External | Passing Juice |
| &nbsp;- Infineon 300W 400V EVALPFC3-ICE3PCS01 | External | Passing Juice |

SEO Keywords








Keywords Cloud

transformer supply acdc analysis smps mode
poweresim **power** pfc design





Keywords Consistency

| Keyword | Content | Title | Keywords | Description | Headings |
|---------|---------|-------|----------|-------------|----------|
| power | 29 | ✓ | ✓ | ✓ | ✓ |
| design | 21 | ✓ | ✓ | ✓ | ✓ |
| supply | 17 | ✓ | ✓ | ✓ | ✓ |
| acdc | 14 | ✗ | ✗ | ✗ | ✗ |
| smps | 13 | ✓ | ✓ | ✓ | ✓ |








Usability

| | | |
|--|--------------|---|
|  | Url | Domain : poweresim.com Length : 13 |
|  | Favicon | Great, your website has a favicon. |
|  | Printability | We could not find a Print-Friendly CSS. |
|  | Language | Good. Your declared language is en. |
|  | Dublin Core | This page does not take advantage of Dublin Core. |





Document

| | | |
|--|---------------|--|
|  | Doctype | HTML 4.01 Strict |
|  | Encoding | Perfect. Your declared charset is GBK. |
|  | W3C Validity | Errors : 0 Warnings : 0 |
|  | Email Privacy | Great no email address has been found in plain text! |




Document

|  | Deprecated HTML | <table><thead><tr><th>Deprecated tags</th><th>Occurrences</th></tr></thead><tbody><tr><td></td><td>20</td></tr><tr><td><center></td><td>20</td></tr><tr><td><CENTER></td><td>2</td></tr></tbody></table> <p>Deprecated HTML tags are HTML tags that are no longer used. It is recommended that you remove or replace these HTML tags because they are now obsolete.</p> | Deprecated tags | Occurrences | | 20 | <center> | 20 | <CENTER> | 2 |
|---|-----------------|--|-----------------|-------------|--------|----|----------|----|----------|---|
| Deprecated tags | Occurrences | | | | | | | | | |
| | 20 | | | | | | | | | |
| <center> | 20 | | | | | | | | | |
| <CENTER> | 2 | | | | | | | | | |
|  | Speed Tips | <ul style="list-style-type: none"> Attention! Try to avoid nested tables in HTML. Too bad, your website is using inline styles. Great, your website has few CSS files. Perfect, your website has few JavaScript files. Perfect, your website takes advantage of gzip. | | | | | | | | |

Mobile

| | | |
|--|---------------------|--|
|  | Mobile Optimization | <ul style="list-style-type: none"> Apple Icon Meta Viewport Tag Flash content |
|--|---------------------|--|

Optimization

| | | |
|---|-------------|--|
|  | XML Sitemap | Great, your website has an XML sitemap. http://www.poweresim.com/sitemap.txt |
|  | Robots.txt | http://poweresim.com/robots.txt Great, your website has a robots.txt file. |
|  | Analytics | Missing We didn't detect an analytics tool installed on this website. Web analytics let you measure visitor activity on your website. You should have at least one analytics tool installed, but It can also be good to install a second in order to cross-check the data. |