

Second & Third Quarter 2015

IC Reference Design Wins

Here are the Electronics Division's IC House design wins and OEM Designs for the second and third quarters of 2015.

When you come across any of these reference designs, please note the Bussmann series circuit protection, magnetics, or supercapacitor products they may need.

Eaton Electronics Division Toolbox:

tools.eatonelectronics.com



Parametric Search



IC Matching



Cross Reference



Powering Business Worldwide



PB-5R0H104-R

Reference Design: ADP5090-2-EVALZ Evaluation Board
Description: Demonstration Platform for Energy Harvesting.



HTC-15M

Reference Design: MC9S12ZVH128
Description: Automotive HVAC Control System with LCD Interface for S12ZVH Family Devices.



FP1008L1-R150-R (quantity of 7)

OEM Design: PXE1610
Description: Asynchronous Step-Down Converter, CPU Power for VR13 6+1 phases.

FP1209B1-R170-R, FP0907B1-R150-R

OEM Design: VR12.5
Description: Asynchronous Step-Down Converter, CPU Power.

FP1010-R150-R (quantity of 7), FP1008R1-R180-R

OEM Design: IR38405
Description: Asynchronous Step-Down Converter, VR13 CPU Power.

FP0906R1-R15-R (quantity of 2)

OEM Design: IR35401
Description: Asynchronous Step-Down Converter, 2 phases for VR13 POL Power.



DR125-6R8-R, DR125-100-R

Reference Design: ISL85403EVAL1Z Evaluation Board
Description: 2-stage boost-buck and the synchronous buck configurations.



SS-5H-2A-APH

Reference Design: SSL5231BDB1288
Description: 24W dimmable buck converter.

SS-5H-2.5A-APH

Reference Design: SSL8516BDB1317
Description: 75W 48V/1.6 A CVCC LED driver.



DR73-R33-R, DR73-1R0-R, DR73-1R5-R, DR73-2R2-R, DR73-3R3-R, DR73-4R7-R, DR73-6R8-R, DR73-8R2-R, DR73-100-R, DR73-150-R, DR73-220-R, DR73-330-R, DR73-470-R, DR73-680-R, DR73-820-R, DR73-101-R, DR73-151-R, DR73-221-R, DR73-331-R, DR73-471-R, DR73-681-R, DR73-821-R, DR73-102-R

Reference Design: LTC3643
Description: 2A Bidirectional Power Backup Supply.

UP1B-220-R, UP1B-100-R

Reference Design: LTC1779
Description: 250mA Current Mode Step-Down DC-DC Converter in ThinSOT.

UP2B-100-R, UP2B-4R7-R

Reference Design: LTC1872B
Description: Constant Frequency Current Mode Step-Up DC-DC Controller in ThinSOT.

DRQ127-221-R (quantity of 2), DRQ74-330-R (quantity of 2 for three different application), DRQ127-101-R (quantity of 2)

Reference Design: LT8331
Description: Low IQ Boost/SEPIC/ Flyback/Inverting Converter with 0.5A, 140V Switch.

DR73-2R2-R, DR74-4R7-R, DR125-330-R, DR127-470-R

Reference Design: LTC3121
Description: 15V, 1.5A Synchronous Step-Up DC-DC Converter with Output Disconnect.

DRQ125-150-R (quantity of 2), DRQ74-4R7-R (quantity of 2), DRQ125-100-R (quantity of 2)

Reference Design: LT8495
Description: SEPIC/Boost Converter with 2A, 70V Switch, 9µA Quiescent Current, POR and Watchdog Timer.

SD25-470-R

Reference Design: LT3965
Description: 8-Switch Matrix LED Dimmer.

3216FF12-R (quantity 13), 3216FF7-R (quantity 2)

Reference Design: Demo Board# DC2100B
Description: Bidirectional Cell Balancer Using the LTC3300-1 and the LTC6804-2.

HV1245-2R7356-R, HV1635-2R7356-R

OEM Design: LTC4425
Description: Linear SuperCap Charger with Current-Limited Ideal Diode and V/I Monitor.

XV3585-2R7607-R

OEM Design: LTC3350
Description: High current supercapacitor backup controller and system monitor.



DR125-6R8-R
Reference Design: MAX17544
Description: Synchronous step-down DC-DC convert.



NVIDIA
FP1704G-R200-R
Reference Design: Graphic Card
Description: GPU power.



ON Semiconductor
FP1108R1-R21-R (quantity of 6)
Reference Design: NCP81233
Description: VRM Controller.

FP1108R1-R21-R (quantity of 16)
Reference Design: NCP81233 + NCP5339 Evaluation Board
Description: VR13 V Core Power and Controller.



FP0906R1-R30-R (quantity of 6)
Reference Design: CEB 033 Evaluation Board
Description: VR13.

FP1008-180-R (quantity of 6)
Reference Design: CEB031/CEB034/CEB036
Evaluation Boards
Description: VR13.



STMicroelectronics
FP1008R4-R150-R (quantity of 6), FP0906R1-R30-R
Reference Design: PM6776
Description: High Efficiency VR13 demo board.

SS-5H-2-5A
Reference Design: VIPer25HD
Description: 12 V, 10 W isolated Flyback converter based on VIPer25HD.



HCMP0704R1-R360-R
OEM Design: TPS51623
Description: High Efficiency Asynchronous Step-Down Converter POL Power.

FP1308R3-R21-R (quantity of 6)
Reference Design: PMP9738A
Description: Synchronous Buck Power Stage.

S501-2-R
Reference Design: UCC27714EVM-551
Description: 600-W Phase-Shifted Full-Bridge (PHSB) Converter.

DRQ74-220-R (4 different applications), DRQ73, DRQ74, DR73, DR74 (inductor Value is application specific)
Reference Design: TPS61130, TPS61131, TPS61132
Description: Synchronous SEPIC and Flyback Converter With 1.1-A Switch and Integrated LDO.

SD12-4R7-R
Reference Design: TPS61043
Description: Constant Current LED Driver.

FP1008R1-R150-R (quantity of 5), FP0404R1-R065-R
OEM Design: TPS53679
Description: A synchronous Step-Down Converter, 4+1 phases for VR13.

Electronics Division

Quarterly IC reference design wins - Q2 & Q3 2015



FP1008L1-R150-R (quantity of 2)

OEM Design: MP2956
Description: Asynchronous Step-Down Converter, 2 phases for VR13 CPU power.

SD25-2R2-R, SD25-3R3-R, SD25-4R7-R

Reference Design: MPQ2451-5/33
Description: 36V, 2.2MHz, 0.6A, Step-Down Converter.

FP1008-150-R (quantity of 6), FP1008-180-R

Reference Design: EV2939+86901
Description: Asynchronous Step-Down Converter CPU, DDR power.

FP1007R3-R12-R (quantity of 6)

Reference Design: MP2853 & MP86934
Description: Multi-phase DC-DC for core power.

DR73-4R7-R

Reference Design: MP2030DQ-LF-P
Description: DC-DC Converter.

FP0705R1-R22-R (quantity of 3)

Reference Design: MPQ8633A
Description: DDR4 Memory Power three phase.

SS-5-1A

Reference Design: EV4030A-S-00A
Description: 108-132VAC/60Hz, 21V/350mA Primary-side-control with Active PFC Off-line Dimmable LED Driver.

SS-5-2A

Reference Design: EVHFC0500-S-00A
Description: 39W AC-DC power supply.

3216FF1-R

Reference Design: BI-EVQ8632-LE-12-01A
Description: Synchronous Step-down Converter.

SS-5-1A

Reference Design: EV4053-7-S-00A
Description: 108VAC~132VAC/60Hz, 50V/200mA, Non-isolated with Active PFC TRIAC Dimmable LED Driver.

SS-5-2A

Reference Design: EVHFC0501-S-00A
Description: 19V 45W AC-DC power supply

CC12H4A

Reference Design: BI-EV9943A-Q-00A
Description: Step-down Converter Vin 4-36V

CC12H4A

Reference Design: BI-EV4430-D-00A
Description: Synchronous Step-Down Converter, 36V, 3.5A, Low Iq.

SS-5-3.15A

Reference Design: MP5017GD, R7 HFC0500GS, R4
Description: AC/DC Power Supply.

3216FF2-R

Reference Design: MP3391EF R1
Description: DC-DC Converter, 8-28V boost

CC12H4A

Reference Design: MP9943AGQ_R14
Description: DC- DC Converter, 4-30V Buck.

SS-5-2A

Reference Design: MP4053-15GS R3
Description: AC- DC Power Supply.

3216FF1-R

Reference Design: MPQ4569GN_R3
Description: DC -DC converter.

CC12H4A

Reference Design: MP4570DF-R5
Description: DC -DC converter.

Online Resources

www.eaton.com/elx

View or Download Datasheets:

www.eaton.com/elx-datasheets

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