

Fourth Quarter 2014

IC Reference Design Wins

Here are the Electronics Division's IC House design wins and OEM Designs for the fourth quarter of 2014.

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



Powering Business Worldwide



**FP1110V1-R20-R, FP1110V1-R22-R, FP1110V1-R27-R,
FP1110V1-R32-R, FP1008-150-R, FP1008R4-150-R**

OEM Design: PX3746

Description: Asynchronous step-down converter, 6 phases



FP0404R1-R08-R, FP0404R1-R110-R

OEM Design: VR12.5

Description: Filter for core and DDR power

FP1014V1-R150-R

OEM Design: VR12.5

Description: Vcore power.

**FP0906R1-R12-R, FP0906R1-R15-R, FP0507V1-R100-R,
FP0404R1-R100-R**

OEM Design: VR12.5

Description: Vcore power, DDR and filter.



**FP1007R3-R15-R, FP1008-120-R, FP1008-150-R,
FP1108L1-R15-R, FP1108L1-R105-R**

OEM Design: IR3566B

Description: Asynchronous step-down converter, 6 phases.



**FP0906R1-R30-R (Quantity of 3), FP0708R1-R15-R
MPI4040-R47-R**

OEM Design: ISL69124 Eval 3Z Rev A

Description: Memory DDR4.

**FP0906R1-R15-R (Quantity of 6), FP0906R1-R30-R
(Quantity of 5)**

OEM Design: VR13

Description: Vcore power, VDDQ power and VSA power.

SD8350-100-R

Reference Design: ISL85403DEMO1Z

Description: 2.5A Regulator for synchronous buck converter.



HV1245-2R7356-R

Reference Design: LTC3350

Description: High current supercapacitor backup controller and system monitor.

SD8328-3R3-R, SD8328-4R7-R

Reference Design: LTC3118

Description: 18V, 2A Buck-boost DC-DC converter with low-loss dual input PowerPath.

**DR, DRQ, SD and SDQ Series (Inductor Value
and series is application specific)**

Reference Design: LT8570/LT8570-1

Description: Boost/SEPIC/inverting DC-DC converter with 65V switch, soft-start and synchronization

DR74-101-R

Reference Design: LTC7138

Description: High efficiency, 140V 400mA step-down regulator.



SD3118-221-R, SD3118-331-R

Reference Design: MAX17530

Description: 42V, 25mA, Ultra-small, high-efficiency synchronous step-down DC-DC converter with 22µA no-load supply current.

SD3118-221-R, SD3118-331-R

Reference Design: MAX17550

Description: 60V, 25mA, Ultra-small, high-efficiency, synchronous step-down DC-DC converter with 22µA no-load supply current.

UP2B-1R0-R

Reference Design: MAX1709

Description: 4A, Low-noise, high-frequency, step-up DC-DC converter.

DRA127-101-R

OEM Design: MAX5090 Evaluation Kit

Description: 2A, 76V, High-efficiency MAXPower step-down DC-DC converters.

MPI4040R4-100-R

Reference Design: MAX17545 Evaluation Kit

Description: Buck converter.



DRA73-1R0-R

Reference Design: EVB-UPD1001DC2
Evaluation Board

Description: USB Power delivery provider with several selectable power configurations.

DRA73-1R0-R

Reference Design: EVB-UPD1002-MU1
Evaluation Kit

Description: USB Power delivery provider with four selectable power configurations.

DRA73-1R0-R

Reference Design: EVB-UPD1002-ND1
Evaluation Kit

Description: USB Power delivery provider with four selectable power configurations.

SD25-150-R, SD6030-150-R

Reference Design: MCP16311/2

Description: 30V Input, 1A output, high-efficiency, integrated synchronous switch step-down regulator.



FP0906R1-R10-R (Quantity of 2)

OEM Design: MP2953A

Description: Asynchronous step-down converter, 2 phases.

FP1007R3-R12-R, FP1007R3-R22-R

OEM Design: EV2955

Description: Vcore power.

3216FF2-R

OEM Design: MPQ8632GV-15

Description: CPU and DDR Power.

3216FF1-R

OEM Design: MPQ2454DQ-R3

Description: Automotive power application.



SS-5H-2.5A-APH

OEM Design: SSL8516DB1195

Description: 75W 1.6A dimmable LED driver.

SS-5H-2A-APH

OEM Design: SSL4120DB1123

Description: 90W 1.9A CC Dimmable LED driver.



FP0906R1-R30-R

OEM Design: PV3204

Description: V Core power for VR13.

FP1008-120-R (Quantity of 2), FP1008-150-R (Quantity of 2)

OEM Design: PV4210

Description: DDR4 memory.



STMicroelectronics

UP1B-220-R, UP1B-330-R

Reference Design: R5970AD

Description: Up to 1A step-down switching regulator for aerospace applications.

UP1B-220-R, UP1B-330-R

Reference Design: R5972D

Description: Up to 1.5A step-down switching regulator for aerospace applications.

UP1B-220-R, UP1B-330-R

Reference Design: R5973D

Description: Up to 2A step-down switching regulator for aerospace applications.

UP1B-220-R, UP1B-330-R

Reference Design: R5973AD

Description: Up to 1.5A step-down switching regulator for aerospace applications.

DRA73-1R0-R, DRA73-1R5-R, DRA73-2R2-R

Reference Design: RST1S31HF

Description: Up to 4V, 3A step-down 2.3 MHz switching regulator for aerospace applications.

Electronics Division

Quarterly IC reference design wins - Q4 2014



FP1008-150-R (Quantity of 6), FP1008R4-150-R (Quantity of 6)

OEM Design: TPS53664

Description: Asynchronous step-down converter, 6 phases.

DR127-330-R

Reference Design: LM5576/-Q1

Description: Simple Switcher® 75V, 3A step-down switching regulator.

DR127-150-R

Reference Design: TIDr607

Description: USB 2.0/3.0 Mass storage bridge for automotive infotainment systems.

DRQ74-330-R, DR125-100-R

Reference Design: PMP9487

Description: 3.5 - 36V 3A Step-down converters with low quiescent current.

MPI4040R2-2R2-R (Quantity of 2), DR125-100-R

Reference Design: PMP9457

Description: Synchronous step-down converter.

DR74-220-R, DR125-100-R

Reference Design: LM46002PWP

Description: Synchronous step-down converter evaluation module.

DR1040-3R8-R, DR1040-150-R, DR1040-470-R

Reference Design: TIDr866

Description: Single-phase energy meter solution export epsfor advanced applications.

DR74-R33-R

Reference Design: TPS23754

Description: Efficiency-optimized, synchronous flyback, high-power PoE controller/converter.

DR73-220-R

Reference Design: TIDA-00304

Description: Hold up energy storage solution "last gasp."

DRQ74-330-R, DR125-100-R

Reference Design: PMP9487

Description: 8W SEPIC Converter for wide range Vin automotive Infotainment cluster.

DRQ127-2R2-R

Reference Design: TIDA-00271

Description: Remote camera and radar expansion.

Online Resources

www.eaton.com/elx

View or Download Datasheets:

www.eaton.com/elx-datasheets

Technical Support

Circuit Protection:

FuseTech@eaton.com

Magnetics:

InductorTech@eaton.com

Supercapacitors:

CapacitorTech@eaton.com

Order Samples:

www.eaton.com/elx-samples



Eaton's POWEREDGE App

Access to design tools such as parametric search, cross reference, and catalogs.

Download POWEREDGE for your mobile device.

Eaton
Electronics Division
1000 Eaton Boulevard
Cleveland, OH 44122
United States
www.eaton.com/elx

© 2015 Eaton
All Rights Reserved
Printed in USA
March 2015

EATON
Powering Business Worldwide

Eaton is a registered trademark.

All other trademarks are property of their respective owners.