# PE426462

## **Document Category: Product Specification**

## UltraCMOS® SP6T RF Switch, 10 MHz-8 GHz



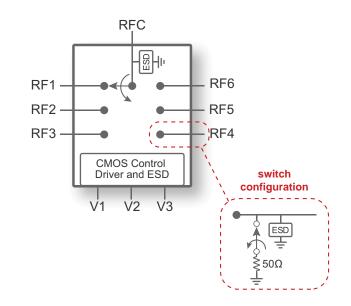
### **Features**

- High isolation: 35 dB @ 6 GHz
- Low insertion loss: 1.1 dB @ 6 GHz
- RF T<sub>RISE</sub>/T<sub>FALL</sub> time of 100 ns
- Power handling of 31 dBm CW
- Logic select (LS) pin provides maximum control logic flexibility
- · Terminated all-off state mode
- -55 °C to +125 °C operating temperature support
- Packaging 24-lead 4 x 4 x 0.85 mm QFN

## **Applications**

- · Harsh industrial applications up to 8 GHz
- Applications that require extended temperature support in the range of -55 °C to +125 °C
- · Filter bank switching
- · RF signal routing

Figure 1 • PE426462 Functional Diagram



## **Product Description**

The PE426462 is a HaRP™ technology-enhanced absorptive SP6T RF switch that supports a frequency range from 10 MHz to 8 GHz. It delivers low insertion loss, fast RF T<sub>RISE</sub>/T<sub>FALL</sub> time, and high isolation in the operating temperature range from –55 °C to +125 °C. It is ideal for harsh industrial applications that require extended support in this temperature range. No blocking capacitors are required if DC voltage is not present on the RF ports.

The PE426462 is manufactured on Peregrine's UltraCMOS® process, a patented advanced form of silicon-on-insulator (SOI) technology.

Peregrine's HaRP technology enhancements deliver high linearity and excellent harmonics performance. It is an innovative feature of the UltraCMOS process, offering the performance of GaAs with the economy and integration of conventional CMOS.



## **Absolute Maximum Ratings**

Exceeding absolute maximum ratings listed in **Table 1** may cause permanent damage. Operation should be restricted to the limits in **Table 2**. Operation between operating range maximum and absolute maximum for extended periods may reduce reliability.

#### **ESD Precautions**

When handling this UltraCMOS device, observe the same precautions as with any other ESD-sensitive devices. Although this device contains circuitry to protect it from damage due to ESD, precautions should be taken to avoid exceeding the rating specified in **Table 1**.

### Latch-up Immunity

Unlike conventional CMOS devices, UltraCMOS devices are immune to latch-up.

Table 1 • Absolute Maximum Ratings for PE426462

Parameter/Condition	Min	Max	Unit
Supply voltage, V <sub>DD</sub>	-0.3	5.5	V
Digital input voltage (V1, V2, V3, LS)	-0.3	3.6	V
RF input power (RFC–RFX, 50Ω)		See Figure 2	dBm
RF input power into terminated ports, $CW^{(1)}$ (RFX, $50\Omega$ )		See Figure 2	dBm
Maximum junction temperature		+150	°C
Storage temperature range	-65	+150	°C
ESD voltage HBM, all pins <sup>(2)</sup>		1000	V
ESD voltage CDM, all pins <sup>(3)</sup>		1000	V

- 1) 100% duty cycle, all bands,  $50\Omega$ .
- 2) Human body model (MIL-STD 883 Method 3015).
- 3) Charged device model (JEDEC JESD22-C101).



# **Recommended Operating Conditions**

**Table 2** lists the recommended operating conditions for the PE426462. Devices should not be operated outside the recommended operating conditions listed below.

Table 2 • Recommended Operating Conditions for PE426462

Parameter	Min	Тур	Max	Unit
Supply voltage, V <sub>DD</sub>	2.3	3.3	5.5	V
Supply current, I <sub>DD</sub>		120	200	μA
Digital input high (V1, V2, V3, LS)	1.17		3.6	V
Digital input low (V1, V2, V3, LS)	-0.3		0.6	V
Digital input current V1, V2, V3 LS			5 10	μA μA
RF input power, CW (RFC–RFX) <sup>(1)</sup>			See Figure 2	dBm
RF input power, pulsed (RFC-RFX) <sup>(2)</sup>			See Figure 2	dBm
RF input power into terminated ports, CW (RFX) <sup>(1)</sup>			See Figure 2	dBm
Operating temperature range	-55	+25	+125	°C

<sup>1) 100%</sup> duty cycle, all bands,  $50\Omega$ .

<sup>2)</sup> Pulsed, 5% duty cycle of 4620  $\mu s$  period,  $50\Omega.$ 



# **Electrical Specifications**

**Table 3** provides the PE426462 key electrical specifications at +25 °C,  $V_{DD}$  = 3.3V ( $Z_{S}$  =  $Z_{L}$  = 50 $\Omega$ ), unless otherwise specified.

Table 3 • PE426462 Electrical Specifications

Parameter	Path	Condition	Min	Тур	Max	Unit
Operating frequency			10 MHz		8 GHz	As shown
		10–100 MHz		0.7	0.9	dB
		100 MHz–1 GHz		0.8	1.0	dB
	RFC-RF1/6	1–2 GHz		0.9	1.2	dB
	Ki 0-Ki 1/0	2–4 GHz		0.9	1.5	dB
		4–6 GHz		1.1	1.9	dB
		6–8 GHz		1.6	2.8	dB
		10–100 MHz		0.8	1.0	dB
		100 MHz-1 GHz		0.9	1.1	dB
(4)	DEO DEO/E	1–2 GHz		0.9	1.3	dB
Insertion loss <sup>(1)</sup>	RFC-RF2/5	2–4 GHz		1.0	1.6	dB
		4–6 GHz		1.3	2.3	dB
		6–8 GHz		1.3	2.4	dB
		10–100 MHz		0.8	1.0	dB
		100 MHz-1 GHz		0.9	1.1	dB
		1–2 GHz		1.0	1.3	dB
	RFC-RF3/4	2–4 GHz		1.1	1.7	dB
		4–6 GHz		1.2	2.2	dB
		6–8 GHz		1.3	2.2	dB
		10–100 MHz	61	65		dB
		100 MHz-1 GHz	45	47		dB
		1–2 GHz	40	42		dB
	RFC-RF1/6	2–4 GHz	34	36		dB
		4–6 GHz	29	32		dB
		6–8 GHz	27	30		dB
		10–100 MHz	64	68		dB
		100 MHz–1 GHz	52	55		dB
(4)		1–2 GHz	47	51		dB
Isolation <sup>(1)</sup>	RFC-RF2/5	2–4 GHz	42	44		dB
		4–6 GHz	30	34		dB
		6–8 GHz	29	34		dB
		10–100 MHz	64	68		dB
		100 MHz–1 GHz	51	53		dB
		1–2 GHz	46	48		dB
	RFC-RF3/4	2–4 GHz	38	40		dB
		4–6 GHz	33	35		dB
		6–8 GHz	29	31		dB
		0 0 0112				45



### Table 3 • PE426462 Electrical Specifications (Cont.)

Parameter	Path	Condition	Min	Тур	Max	Unit
		10–100 MHz		25		dB
		100 MHz-1 GHz		24		dB
	RFC-RF1/6	1–2 GHz		24		dB
	KFC-KF1/0	2–4 GHz		21		dB
		4–6 GHz		26		dB
		6–8 GHz		13		dB
		10–100 MHz		24		dB
		100 MHz-1 GHz		23		dB
Return loss	DEO DEO/E	1–2 GHz		20		dB
(active port)	RFC-RF2/5	2–4 GHz		18		dB
		4–6 GHz		15		dB
		6–8 GHz		16		dB
		10–100 MHz		24		dB
	RFC–RF3/4	100 MHz-1 GHz		23		dB
		1–2 GHz		18		dB
		2–4 GHz		15		dB
		4–6 GHz		12		dB
		6–8 GHz		12		dB
		10–100 MHz		25		dB
		100 MHz-1 GHz		23		dB
		1–2 GHz		24		dB
	RFC-RF1/6	2–4 GHz		23		dB
		4–6 GHz		24		dB
		6–8 GHz		12		dB
		10–100 MHz		24		dB
		100 MHz-1 GHz		23		dB
D ( ) (DEO ()	DE0 DE0/5	1–2 GHz		21		dB
Return loss (RFC port)	RFC-RF2/5	2–4 GHz		19		dB
		4–6 GHz		20		dB
		6–8 GHz		18		dB
		10–100 MHz		24		dB
		100 MHz-1 GHz		23		dB
	DEC DEC/:	1–2 GHz		19		dB
	RFC-RF3/4	2–4 GHz		16		dB
		4–6 GHz		13		dB
		6–8 GHz		13		dB



Table 3 • PE426462 Electrical Specifications (Cont.)

Parameter	Path	Condition	Min	Тур	Max	Unit
		10–100 MHz		16		dB
		100 MHz-1 GHz		15		dB
	RF1/6	1–2 GHz		15		dB
	KF I/O	2–4 GHz		15		dB
		4–6 GHz		18		dB
		6–8 GHz		21		dB
		10–100 MHz		16		dB
		100 MHz-1 GHz		15		dB
Return loss (terminated	RF2/5	1–2 GHz		15		dB
port)	KFZ/3	2–4 GHz		15		dB
		4–6 GHz		18		dB
		6–8 GHz		19		dB
		10–100 MHz		16		dB
		100 MHz-1 GHz		15		dB
	RF3/4	1–2 GHz		15		dB
		2–4 GHz		15		dB
		4–6 GHz		16		dB
		6–8 GHz		19		dB
		1 GHz	-2.6	-1.3	0	Deg
	DEC DE4	2 GHz	-4.7	-2.4	-0.1	Deg
	RF2-RF1 (RF5-RF6)	4 GHz	-7.5	-3.4	0.8	Deg
	(141 5–141 0)	6 GHz	-9.4	-2.8	3.8	Deg
Relative insertion		8 GHz	-1.4	4.4	10.1	Deg
phase <sup>(2)</sup>		1 GHz	-3.0	-2.1	-1.3	Deg
	DE0 DE4	2 GHz	-5.8	-4.0	-2.1	Deg
	RF3-RF1 (RF4-RF6)	4 GHz	-9.3	-5.6	-1.9	Deg
	(131 4-131 0)	6 GHz	-11.2	-5.7	-0.3	Deg
		8 GHz	-10.2	-1.0	8.2	Deg
Input 1dB compression point <sup>(3)</sup>	RFC-RFX			See Figure 2		dBm
Input 0.1dB compression	DEC DEV			See		-ID
point <sup>(3)</sup>	RFC-RFX			Figure 2		dBm
Input IP2	RFC-RFX	100 MHz-8 GHz		105		dBm
Input IP3	RFC-RFX	100 MHz-8 GHz		60		dBm
RF T <sub>RISE</sub> /T <sub>FALL</sub>		10%/90% RF		100	130	ns
Settling time		50% CTRL to 0.05 dB final value		560	920	ns
Switching time		50% CTRL to 90% or 10% of RF		210	270	ns
Notes:		•				

- 1) Insertion loss and isolation performance can be improved by a good RF ground on the LS pin (pin 1).
- 2) Defined with S-parameters, relative insertion phase (RFX–RF1) =  $\angle S_{(x+1)1} \angle S_{21}$ , where incident Port-1 is RFC, response Port-2 = RF1, and response Port-(x+1) = RFx.
- 3) The input 1dB and 0.1dB compression points are linearity figures of merit. Refer to Table 2 for the RF input power (50Ω).



## **Switching Frequency**

The PE426462 has a maximum 25 kHz switching frequency. Switching frequency describes the time duration between switching events. Switching time is the time duration between the point the control signal reached 50% of the final value and the point the output signal reaches within 10% or 90% of its target value.

### **Spurious Performance**

The PE426462 spur fundamental occurs around 5 MHz. Its typical performance is -162 dBm/Hz, with 30 kHz bandwidth.

### **Hot-Switching Capability**

The maximum hot switching capability of the PE426462 is 18 dBm above 100 MHz. Hot switching occurs when RF power is applied while switching between RF ports.

### **Thermal Data**

Psi-JT ( $\Psi_{\text{JT}}$ ), junction top-of-package, is a thermal metric to estimate junction temperature of a device on the customer application PCB (JEDEC JESD51-2).

$$\Psi_{JT} = (T_J - T_T)/P$$

#### where

 $\Psi_{\rm JT}$  = junction-to-top of package characterization parameter, °C/W

 $T_J$  = die junction temperature, °C

 $T_T$  = package temperature (top surface, in the center), °C

P = power dissipated by device, Watts

Table 4 • Thermal Data for PE426462

Parameter	Тур	Unit
$\Psi_{JT}$	23	°C/W
$\Theta_{ m JA}$ , junction-to-ambient thermal resistance	63	°C/W



# **Control Logic**

Table 5 provides the control logic truth table for PE426462.

Table 5 • Truth Table for PE426462

LS <sup>(1)</sup>	V3	V2	V1	RFC-RF1	RFC-RF2	RFC-RF3	RFC-RF4	RFC-RF5	RFC-RF6
0	0	0	0	ON	OFF	OFF	OFF	OFF	OFF
0	1	0	0	OFF	ON	OFF	OFF	OFF	OFF
0	0	1	0	OFF	OFF	ON	OFF	OFF	OFF
0	1	1	0	OFF	OFF	OFF	ON	OFF	OFF
0	0	0	1	OFF	OFF	OFF	OFF	ON	OFF
0	1	0	1	OFF	OFF	OFF	OFF	OFF	ON
1	1	0	1	ON	OFF	OFF	OFF	OFF	OFF
1	0	0	1	OFF	ON	OFF	OFF	OFF	OFF
1	1	1	0	OFF	OFF	ON	OFF	OFF	OFF
1	0	1	0	OFF	OFF	OFF	ON	OFF	OFF
1	1	0	0	OFF	OFF	OFF	OFF	ON	OFF
1	0	0	0	OFF	OFF	OFF	OFF	OFF	ON
X <sup>(2)</sup>	0	1	1	OFF	OFF	OFF	OFF	OFF	OFF

<sup>1)</sup> LS has an internal 1  $M\Omega$  pull-up resistor to logic high. Connect LS to GND externally to generate a logic 0. Leaving LS floating will generate a logic 1.

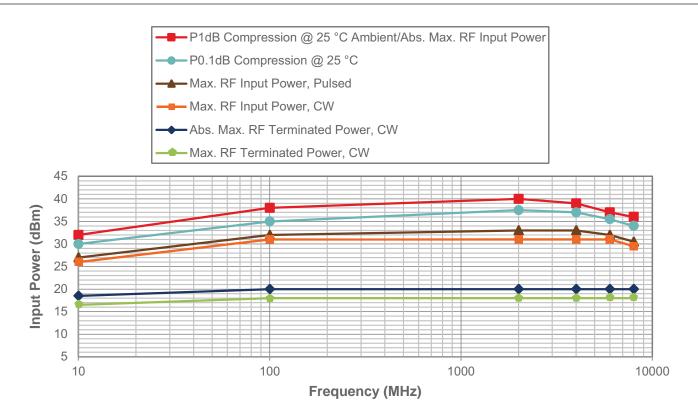
<sup>2)</sup> LS = don't care, V3 = 0, V2 = V1 = 1, all ports are terminated to provide an all isolated state.



# **Power De-rating Curve**

**Figure 2** shows the power de-rating curve showing P1dB compression, P0.1dB compression, maximum RF input power (pulsed), maximum RF input power (CW), absolute maximum RF terminated power (CW), and maximum RF terminated power (CW).

Figure 2 • Power De-rating Curve, 10 MHz–8 GHz, –55 °C to +125 °C Ambient,  $50\Omega$ 





## **Isolation Matrix**

**Table 6** provides RFC-to-port isolation and **Table 7** provides port-to-port isolation at +25 °C,  $V_{DD} = 3.3V$  ( $Z_S = Z_L = 50\Omega$ ).

Table 6 • RFC-to-Port Isolation

"ON"	Fraguaray	Isolation (dB)					
Port	Frequency	RF1	RF2	RF3	RF4	RF5	RF6
	10–100 MHz	_	69	68	88	87	79
	100 MHz-1 GHz	_	62	53	66	64	57
RF1	1–2 GHz	_	57	48	60	58	51
KFI	2–4 GHz	_	48	40	54	52	45
	4–6 GHz	_	37	35	50	46	42
	6–8 GHz	_	34	31	47	45	38
	10–100 MHz	67	_	69	88	86	77
	100 MHz-1 GHz	52	_	60	66	64	56
RF2	1–2 GHz	46	_	57	60	57	50
KF2	2–4 GHz	39	_	49	53	52	45
	4–6 GHz	32	_	43	50	46	42
	6–8 GHz	30	_	37	47	46	40
	10–100 MHz	65	68	_	88	85	77
	100 MHz-1 GHz	47	55	_	66	63	55
RF3	1–2 GHz	42	51	_	60	57	50
KF3	2–4 GHz	36	44	_	53	52	45
	4–6 GHz	33	40	_	49	47	42
	6–8 GHz	31	36	_	46	47	40
	10–100 MHz	73	84	88	_	68	66
	100 MHz-1 GHz	51	62	65	_	56	50
RF4	1–2 GHz	45	56	59	_	51	45
1014	2–4 GHz	40	49	53	_	46	39
	4–6 GHz	37	46	49	_	38	35
	6–8 GHz	34	44	45	_	37	33
	10–100 MHz	73	84	89	69	_	68
	100 MHz-1 GHz	51	62	65	60	_	57
RF5	1–2 GHz	45	56	59	57	_	52
100	2–4 GHz	40	49	53	50	_	44
	4–6 GHz	37	45	49	41	_	33
	6–8 GHz	34	43	46	38	_	33
	10–100 MHz	74	84	87	68	69	_
	100 MHz-1 GHz	52	62	66	54	65	_
RF6	1–2 GHz	46	57	60	48	60	_
100	2–4 GHz	40	49	53	41	51	_
	4–6 GHz	37	46	49	35	34	_
	6–8 GHz	33	42	46	31	35	_



### Table 7 • Port-to-Port Isolation

"ON"	Evenuency	Isolation (dB)					
Port	Frequency	RF1	RF2	RF3	RF4	RF5	RF6
	10–100 MHz	_	65	67	89	89	88
	100 MHz-1 GHz	_	47	51	69	71	64
DE4	1–2 GHz	_	41	45	63	65	60
RF1	2–4 GHz	_	35	39	57	60	53
	4–6 GHz	_	31	34	52	47	45
	6–8 GHz	_	29	30	49	47	43
	10–100 MHz	65	_	64	91	92	89
	100 MHz-1 GHz	46	_	45	70	75	74
RF2	1–2 GHz	41	_	39	64	69	72
KF2	2–4 GHz	35	_	34	58	64	63
	4–6 GHz	32	_	30	53	50	51
	6–8 GHz	29	_	27	50	50	51
	10–100 MHz	67	65	_	90	92	91
	100 MHz-1 GHz	51	47	_	70	78	80
RF3	1–2 GHz	46	41	_	64	72	79
KFS	2–4 GHz	40	36	_	58	66	68
	4–6 GHz	37	33	_	53	51	54
	6–8 GHz	33	30	_	50	51	54
	10–100 MHz	90	92	89	_	65	67
	100 MHz-1 GHz	77	82	70	_	47	51
RF4	1–2 GHz	65	75	65	_	42	45
1017	2–4 GHz	56	66	58	_	36	39
	4–6 GHz	49	52	53	_	32	35
	6–8 GHz	46	53	50	_	31	32
	10–100 MHz	92	92	89	64	_	64
	100 MHz-1 GHz	85	77	70	45	_	45
RF5	1–2 GHz	70	72	64	39	_	40
I IXI 3	2–4 GHz	57	64	58	34	_	35
	4–6 GHz	48	52	53	30	_	29
	6–8 GHz	46	51	50	27	_	30
	10–100 MHz	87	91	88	67	65	_
	100 MHz-1 GHz	69	73	69	51	47	-
RF6	1–2 GHz	67	67	63	45	41	-
100	2–4 GHz	56	61	57	39	35	-
	4–6 GHz	46	49	52	34	29	-
	6–8 GHz	42	49	49	30	29	_



# **Typical Performance Data**

Figure 3–Figure 20 show the typical performance data at +25 °C, $V_{DD}$  = 3.3V ( $Z_{S}$  =  $Z_{L}$  = 50 $\Omega$ ), unless otherwise specified.

Figure 3 • Insertion Loss vs. Frequency (RFC-RFX)

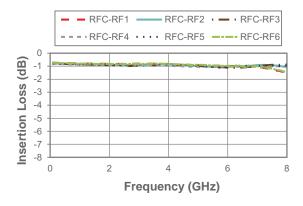


Figure 4 • Insertion Loss vs. Frequency Over Temperature (RFC–RF1)

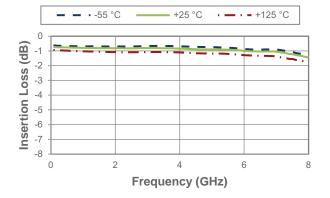


Figure 5 • Insertion Loss vs. Frequency Over V<sub>DD</sub> (RFC-RF1)

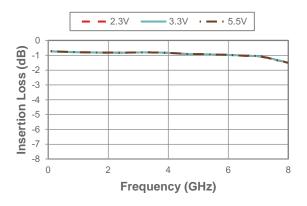


Figure 6 • RFC Port Return Loss vs. Frequency

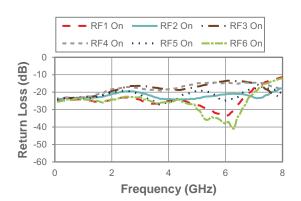




Figure 7 • RFC Port Return Loss vs. Frequency Over Temperature (RF1 On)

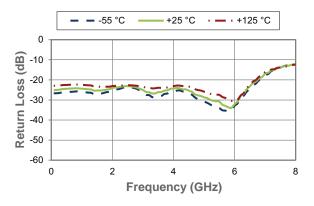


Figure 8 • RFC Port Return Loss vs. Frequency Over V<sub>DD</sub> (RF1 On)

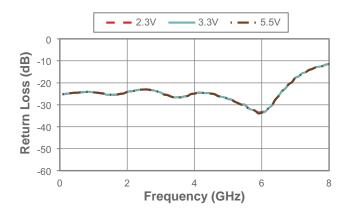


Figure 9 • Active Port Return Loss vs. Frequency

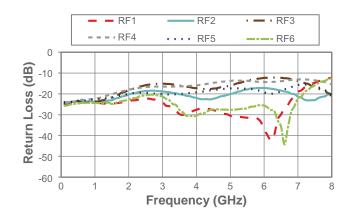


Figure 10 • RF1 Active Port Return Loss vs. Frequency Over Temperature

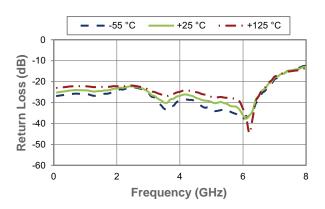


Figure 11 • RF1 Active Port Return Loss vs. Frequency Over  $V_{DD}$ 

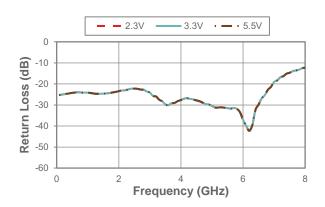


Figure 12 • Terminated Port Return Loss vs. Frequency (RF1 On)

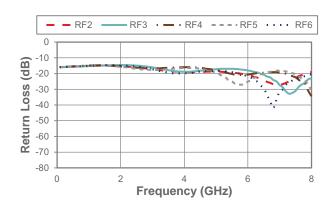




Figure 13 • RF2 Terminated Port Return Loss vs. Frequency Over Temperature (RF1 On)

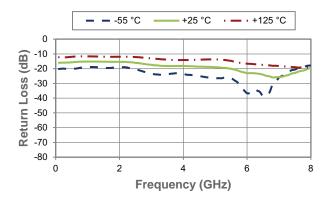


Figure 14 • RF2 Terminated Port Return Loss vs. Frequency Over V<sub>DD</sub> (RF1 On)

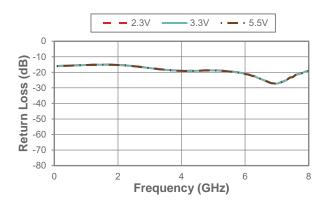


Figure 15 • Isolation vs. Frequency Over Temperature (RF1-RF2, RF1 On)

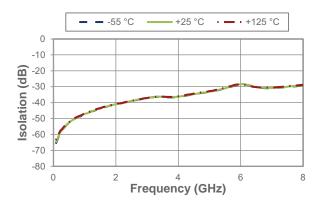


Figure 16 • Isolation vs. Frequency Over V<sub>DD</sub> (RF1–RF2, RF1 On)

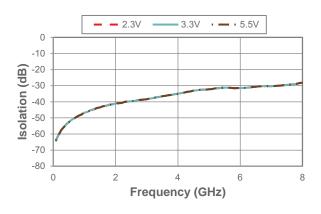


Figure 17 • Isolation vs. Frequency Over Temperature (RFC-RF2, RF1 On)

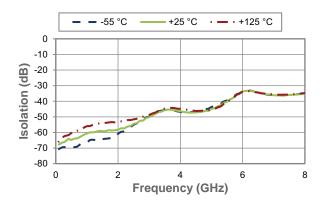
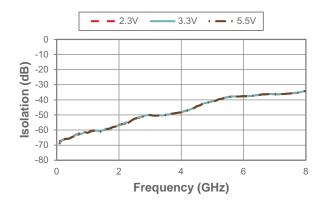


Figure 18 • Isolation vs. Frequency Over  $V_{DD}$  (RFC-RF2, RF1 On)

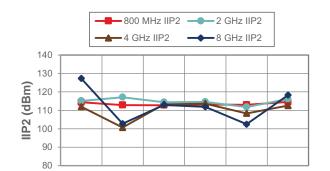




RF1

RF2

Figure 19 • IIP2 vs. RF Port Measured



RF3

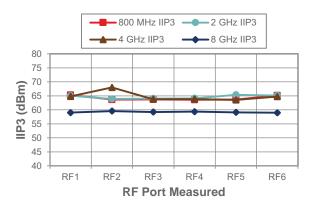
**RF Port Measured** 

RF4

RF5

RF6

Figure 20 • IIP3 vs. RF Port Measured

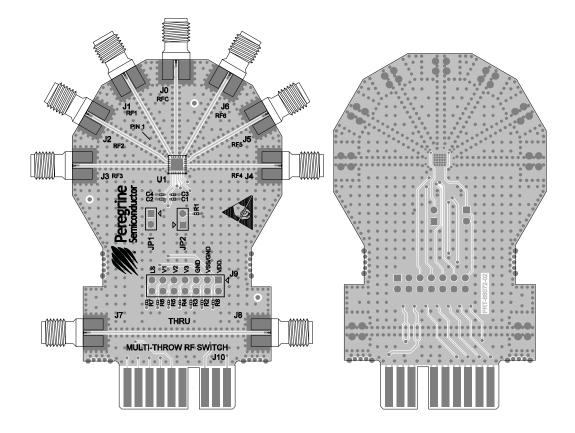




## **Evaluation Kit**

The high-throw count RF switch evaluation kit (EVK) includes hardware required to control and evaluate the functionality of the high-throw count switches. The high-throw count RF switch evaluation software can be downloaded at www.psemi.com and requires a PC running Windows® operating system to control the USB interface board. Refer to the *Multi-throw Count RF Switch Evaluation Kit (EVK) User's Manual* for more information.

Figure 21 • Evaluation Board Layout for PE426462





### **Pin Information**

This section provides pinout information for the PE426462. **Figure 22** shows the pin map of this device for the available package. **Table 8** provides a description for each pin.

Figure 22 • Pin Configuration (Top View)

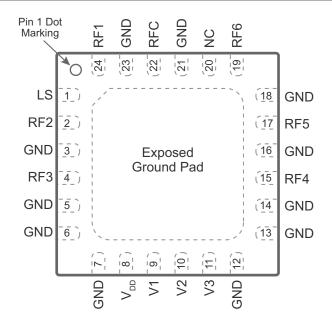


Table 8 • Pin Descriptions for PE426462

Pin No.	Pin Name	Description
1	LS	Logic Select—used to determine the definition for V1, V2 and V3 pins
2	RF2 <sup>(1)</sup>	RF port 2
3, 5–7, 12– 14, 16, 18, 21, 23	GND	Ground
4	RF3 <sup>(1)</sup>	RF port 3
8	V <sub>DD</sub>	Supply voltage (nominal 3.3V)
9	V1	Digital control logic input 1
10	V2	Digital control logic input 2
11	V3	Digital control logic input 3
15	RF4 <sup>(1)</sup>	RF port 4
17	RF5 <sup>(1)</sup>	RF port 5
19	RF6 <sup>(1)</sup>	RF port 6
20	NC <sup>(2)</sup>	No connect
22	RFC <sup>(1)</sup>	RF common port
24	RF1 <sup>(1)</sup>	RF port 1
Pad	GND	Exposed pad: ground for proper operation

- RF pins 2, 4, 15, 17, 19, 22 and 24 must be at 0 VDC. The RF pins do not require DC blocking capacitors for proper operation if the 0 VDC requirement is met.
- Pin 20 (NC) can be connected to GND or left not connected externally.



# **Packaging Information**

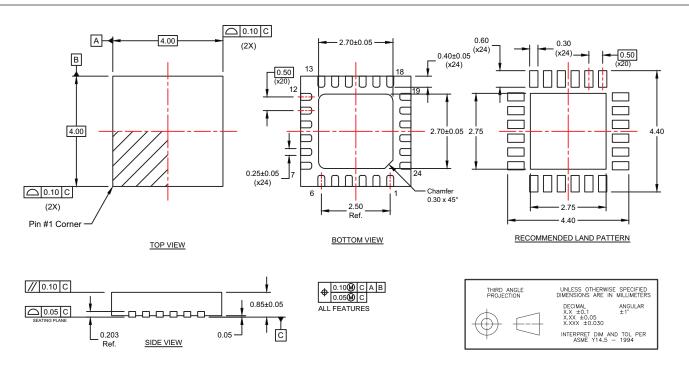
This section provides packaging data including the moisture sensitivity level, package drawing, package marking and tape-and-reel information.

### **Moisture Sensitivity Level**

The moisture sensitivity level rating for the PE426462 in the 24-lead 4 × 4 × 0.85 mm QFN package is MSL1.

### Package Drawing

Figure 23 • Package Mechanical Drawing for 24-lead 4 × 4 × 0.85 mm QFN



## **Top-Marking Specification**

Figure 24 • Package Marking Specifications for PE426462

426462 YYWW ZZZZZZ

Pin 1 indicator

YY = Last two digits of assembly year

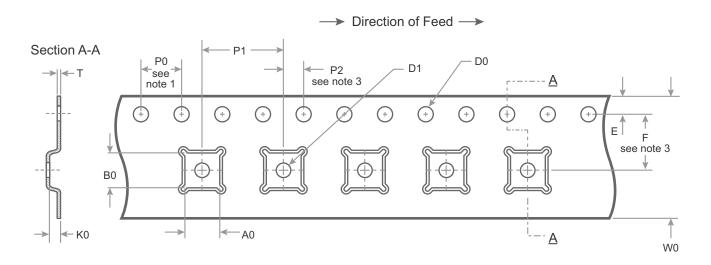
WW = Assembly work week

ZZZZZZ = Assembly lot code (Maximum six characters)



### Tape and Reel Specification

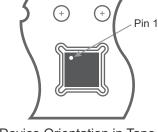
Figure 25 • Tape and Reel Specifications for 24-lead  $4 \times 4 \times 0.85$  mm QFN



A0	4.35
В0	4.35
K0	1.10
D0	1.50 + 0.10/ -0.00
D1	1.50 min
E	1.75 ± 0.10
F	5.50 ± 0.05
P0	4.00
P1	8.00
P2	2.00 ± 0.05
Т	0.30 ± 0.05
W0	12.00 ± 0.30

#### Notes:

- 1. 10 Sprocket hole pitch cumulative tolerance ±0.2
- 2. Camber in compliance with EIA 481
- 3. Pocket position relative to sprocket hole measured as true position of pocket, not pocket hole



Dimensions are in millimeters unless otherwise specified

**Device Orientation in Tape** 

## **Ordering Information**

Table 9 lists the available ordering codes for the PE426462 as well as available shipping methods.

#### Table 9 • Order Codes for PE426462

Order Codes	Description	Packaging	Shipping Method
PE426462 SP6T RF switch		Green 24-lead 4 x 4 mm QFN	500 units/T&R
EK426462-02	PE426462 Evaluation kit	Evaluation kit	1/Box

### **Document Categories**

#### **Advance Information**

The product is in a formative or design stage. The datasheet contains design target specifications for product development. Specifications and features may change in any manner without notice.

#### **Preliminary Specification**

The datasheet contains preliminary data. Additional data may be added at a later date. Peregrine reserves the right to change specifications at any time without notice in order to supply the best possible product.

#### **Product Specification**

The datasheet contains final data. In the event Peregrine decides to change the specifications, Peregrine will notify customers of the intended changes by issuing a CNF (Customer Notification Form).

#### Sales Contact

For additional information, contact Sales at sales@psemi.com.

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