EFC4626R

Continued from preceding page.

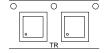
Parameter	Symbol	Conditions		Value			Unit
Parameter				min	typ	max	Unit
Static Source to Source On-State Resistance	Rss(on)1	I _S =2A, V _{GS} =4.5V	Test Circuit 5	29.2	37.5	46.2	mΩ
	Rss(on)2	I _S =2A, V _{GS} =4.0V	Test Circuit 5	30.8	39.5	48.6	mΩ
	Rss(on)3	I _S =2A, V _{GS} =3.8V	Test Circuit 5	32.0	41.0	50.5	mΩ
	Rss(on)4	I _S =2A, V _{GS} =3.1V	Test Circuit 5	35.5	45.5	58.3	mΩ
	Rss(on)5	I _S =2A, V _{GS} =2.5V	Test Circuit 5	42.6	54.0	72.4	mΩ
Turn-ON Delay Time	t _d (on)		T		20		ns
Rise Time	t _r				350		ns
Turn-OFF Delay Time	t _d (off)	VSS=10V, VGS=4.5V, IS=2A Test Circuit 6			22000		ns
Fall Time	tf				38400		ns
Total Gate Charge	Qg	V _{SS} =10V, V _{GS} =4.5V, I _S =5A	Test Circuit 7		7.5		nC
Forward Source to Source Voltage	V _F (S-S)	I _S =2A, V _{GS} =0V	Test Circuit 8		0.81	1.2	V

Product parametric performance is indicated in the Electrical Characteristics for the listed test conditions, unless otherwise noted. Product performance may not be indicated by the Electrical Characteristics if operated under different conditions.

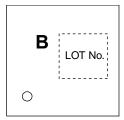
Ordering & Package Information

Oracing a rackage information								
Device	Package	Shipping	note					
EFC4626R-TR	EFCP	8,000 pcs. / reel	Pb-Free and Halogen Free					

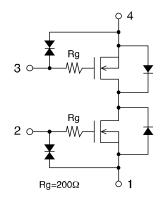
Packing Type: TR



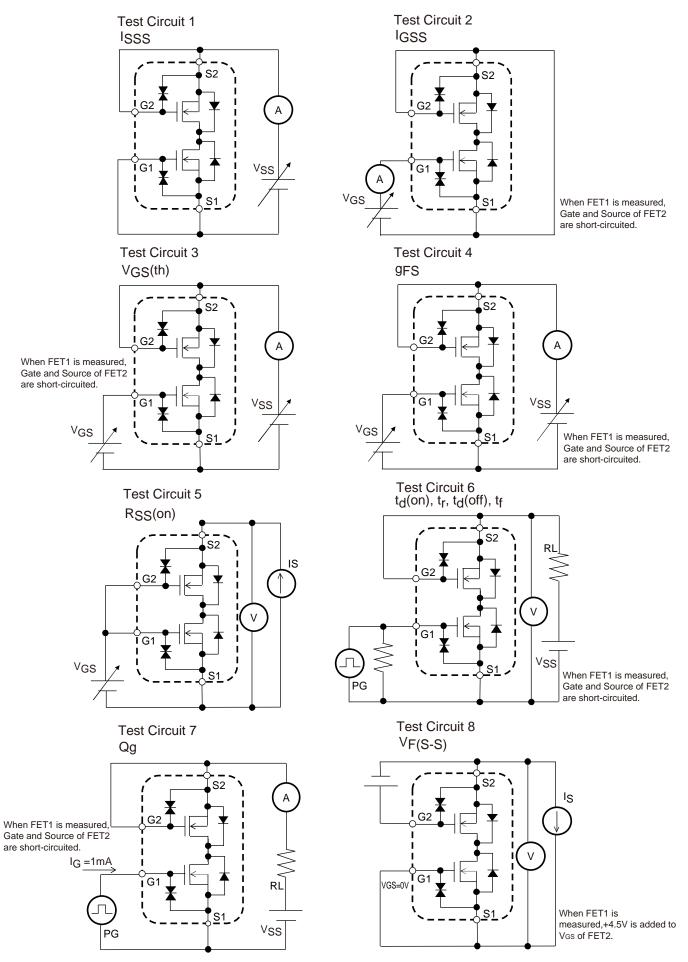
Marking



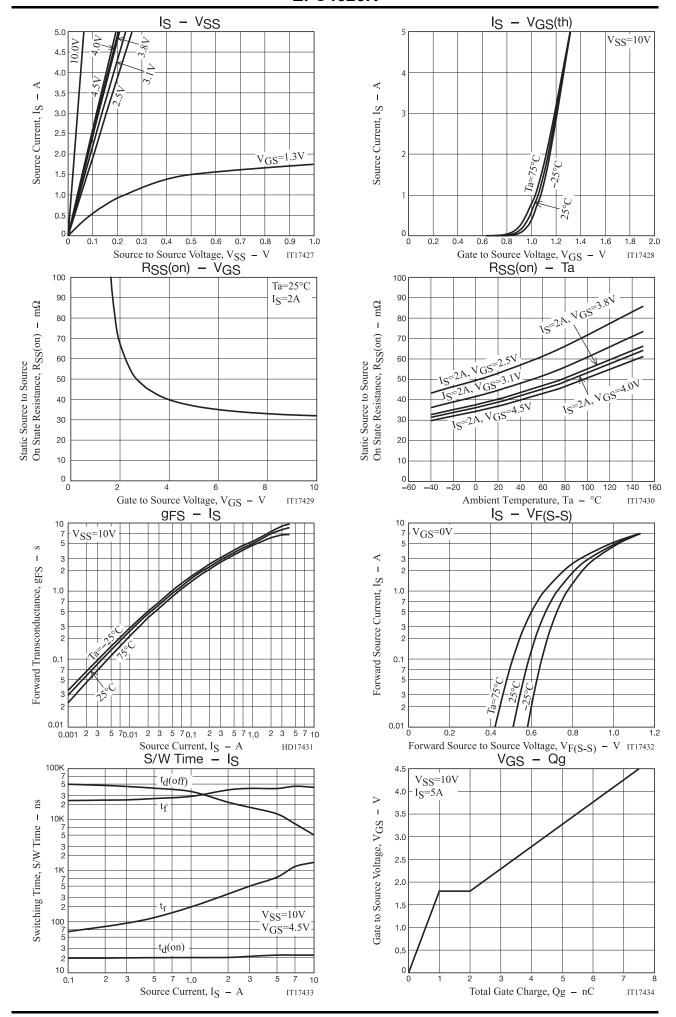
Electrical Connection



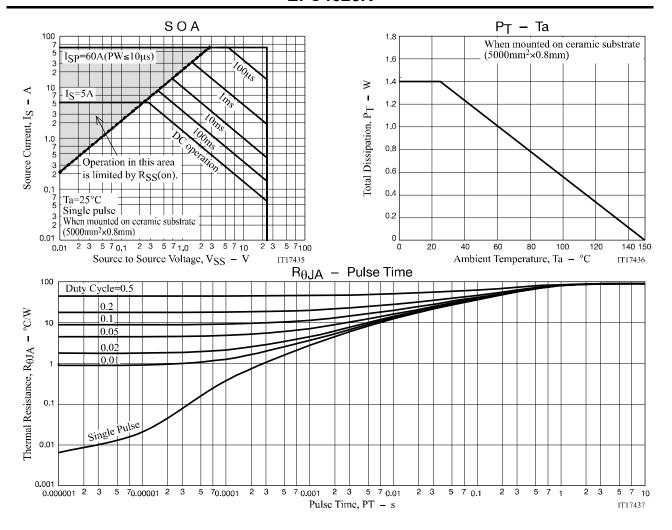
Test circuits are example of measuring FET1 side



When FET2 is measured, the position of FET1 and FET2 is switched.



EFC4626R



Package Dimensions

EFC4626R-TR

EFCP1010-4DG-020

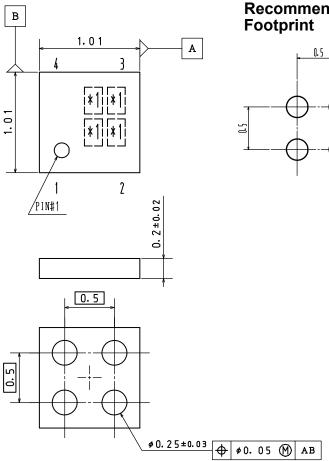
unit: mm

1: Source1

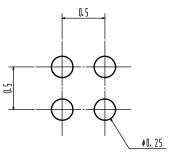
2: Gate1

3: Gate2

4: Source2



Recommended Soldering



*1:Lot indication

Note on usage: Since the EFC4626R is a MOSFET product, please avoid using this device in the vicinity of highly charged objects.

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