



microBUCK[®] / microBRICK[™] **Integrated Circuits**





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Focus Products



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microBUCK[®] AND microBRICK[™]

Focus Products

microBUCK[®]

					Compensation		Features			Protections				
Family	P/N	Input Voltage	V _{out} Voltage	Maximum Current	Internal	Exemal	PGOOD	SYNC	PMBUS	VCC-UVLO	OCP	OVP/UVP	ОТР	Package
SiC43x	SiC438	4.5 V to 18 V	0.6 V to 0.9* V _{IN}	8 A	\checkmark	-	\checkmark	-	-	V	V	\checkmark	\checkmark	4 mm x 4 mm
	SiC437	4.5 V to		12 A		-		-	-					
	SiC431	18 V		24 A	\checkmark	-	\checkmark	-	-			\checkmark	\checkmark	
SiC45x	SiC453		0.3 V to 5.5 V	15 A	\checkmark	-	\checkmark	\checkmark	\checkmark			\checkmark	\checkmark	5 mm x 7 mm
	SiC451	4.5 V to 8 V		25 A		-	\checkmark	\checkmark	\checkmark		\checkmark	\checkmark	\checkmark	
	SiC450			40 A	\checkmark	-	\checkmark	\checkmark	\checkmark			\checkmark	\checkmark	
SiC46x	SiC469	4.5 V to 60 V	0.8 V	2 A		-	\checkmark	-	-	\checkmark	\checkmark	\checkmark	\checkmark	5 mm x 5 mm
	SiC468			4 A		-		-	-					
	SiC467			6 A		-		-	-					
	SiC466			10 A	\checkmark	-	\checkmark	-	-			\checkmark	\checkmark	
	SiC464			2 A	-			-	-					
	SiC463			4 A	-		\checkmark	-	-			\checkmark	\checkmark	
	SiC462			6 A	-		\checkmark	-	-			\checkmark	\checkmark	
	SiC461			10 A	-		\checkmark	-	-			\checkmark	\checkmark	
SiC47x	SiC479	4.5 V to 55 V	to 0.92* V _{IN}	3 A	\checkmark	-	\checkmark	-	-			\checkmark	\checkmark	
	SiC478			5 A	\checkmark	-	\checkmark	-	-			\checkmark	\checkmark	
	SiC477			8 A	\checkmark	-	\checkmark	-	-			V	\checkmark	
	SiC476			12 A		-	\checkmark	-	-		\checkmark	\checkmark	\checkmark	
	SiC474			3 A	-		\checkmark	-	-			\checkmark	\checkmark	
	SiC473			5 A	-			-	-					
	SiC472			8 A	-	\checkmark	\checkmark	-	-		\checkmark	\checkmark	\checkmark	
	SiC471			12 A	-	\checkmark	\checkmark	-	-		\checkmark	\checkmark	\checkmark	
SiC48x	SiC482	4.5 V to 55 V		6 A	-		\checkmark	-	-		\checkmark	\checkmark	\checkmark	5 mm x 5 mm
	SiC481			10 A	-	\checkmark	\checkmark	-	-			\checkmark	\checkmark	Wettable Flank

microBRICK™

Family	P/N	Input Voltage	V _{out} Voltage	Maximum Current	Compensation		Features			Protections				
					Internal	Exernal	PGOOD	SYNC	PMBUS	VCC-UVLO	OCP	OVP/UVP	ОТР	Package
SiC9xx	SiC931	4.5 V to 18 V	0.6 V to 0.9 x V _{in}	20 A										10 mm x 6 mm x 3 mm
	SiC951	4.5 V to 24 V		20 A			\checkmark							
	SiC967	4.5 V to 60 V		6 A			\checkmark							

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