

CONTINUOUS CURRENT PER CHANNEL, Sx OR D

Table 5. ADG5408

Parameter	Rev. B			Rev. C			Unit
	25°C	85°C	125°C	25°C	85°C	125°C	
CONTINUOUS CURRENT, Sx OR D							
$V_{DD} = +15\text{ V}, V_{SS} = -15\text{ V}$							
TSSOP ($\theta_{JA} = 112.6^\circ\text{C/W}$)	100	44	16	120	78	50	mA maximum
LFCSP ($\theta_{JA} = 30.4^\circ\text{C/W}$)	170	54	16	207	113	60	mA maximum
$V_{DD} = +20\text{ V}, V_{SS} = -20\text{ V}$							
TSSOP ($\theta_{JA} = 112.6^\circ\text{C/W}$)	106	45	16	127	81	51	mA maximum
LFCSP ($\theta_{JA} = 30.4^\circ\text{C/W}$)	178	55	16	218	117	61	mA maximum
$V_{DD} = 12\text{ V}, V_{SS} = 0\text{ V}$							
TSSOP ($\theta_{JA} = 112.6^\circ\text{C/W}$)	81	39	15	97	66	44	mA maximum
LFCSP ($\theta_{JA} = 30.4^\circ\text{C/W}$)	140	51	16	168	99	57	mA maximum
$V_{DD} = 36\text{ V}, V_{SS} = 0\text{ V}$							
TSSOP ($\theta_{JA} = 112.6^\circ\text{C/W}$)	104	44	16	125	80	50	mA maximum
LFCSP ($\theta_{JA} = 30.4^\circ\text{C/W}$)	175	55	16	214	116	61	mA maximum

Table 6. ADG5409

Parameter	Rev. B			Rev. C			Unit
	25°C	85°C	125°C	25°C	85°C	125°C	
CONTINUOUS CURRENT, Sx OR D							
$V_{DD} = +15\text{ V}, V_{SS} = -15\text{ V}$							
TSSOP ($\theta_{JA} = 112.6^\circ\text{C/W}$)	75	37	15	90	62	43	mA maximum
LFCSP ($\theta_{JA} = 30.4^\circ\text{C/W}$)	130	49	16	156	95	55	mA maximum
$V_{DD} = +20\text{ V}, V_{SS} = -20\text{ V}$							
TSSOP ($\theta_{JA} = 112.6^\circ\text{C/W}$)	79	38	15	95	65	44	mA maximum
LFCSP ($\theta_{JA} = 30.4^\circ\text{C/W}$)	136	50	16	165	98	56	mA maximum
$V_{DD} = 12\text{ V}, V_{SS} = 0\text{ V}$							
TSSOP ($\theta_{JA} = 112.6^\circ\text{C/W}$)	60	32	14	71	51	35	mA maximum
LFCSP ($\theta_{JA} = 30.4^\circ\text{C/W}$)	105	44	16	126	81	50	mA maximum
$V_{DD} = 36\text{ V}, V_{SS} = 0\text{ V}$							
TSSOP ($\theta_{JA} = 112.6^\circ\text{C/W}$)	78	38	15	92	64	43	mA maximum
LFCSP ($\theta_{JA} = 30.4^\circ\text{C/W}$)	133	50	16	161	97	56	mA maximum