

Microchip High Reliability Integrated Circuits

Quick Reference Guide

Microchip Part Number	Standard Microcircuit Drawing (SMD)	Microchip Part Number	MIL-M-38510/ (JAN)	Description on DLA	Package
SG2803L-DESC	5962-86058012A			TRANSISTOR ARRAY, DARLINGTON, EIGHT-GATE	CLCC
SG2803J-DESC	5962-8605801VA	SG2803J-JAN	M38510/14108BVA	TRANSISTOR ARRAY, DARLINGTON, EIGHT-GATE	CDIP
SG1842Y-DESC	5962-8670401PA			PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	CDIP
SG1843L-DESC	5962-86704022A			PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	CLCC
SG1843Y-DESC	5962-8670402PA			PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	CDIP
SG1844L-DESC	5962-86704032A			PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	CLCC
SG1844J-DESC	5962-8670403CA			PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	CDIP
SG1844F-DESC	5962-8670403HA			PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	CFP
SG1844Y-DESC	5962-8670403PA			PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	CDIP
SG1845L-DESC	5962-86704042A			PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	CLCC
SG1845J-DESC	5962-8670404CA			PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	CDIP
SG1845F-DESC	5962-8670404HA			PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	CFP
SG1845Y-DESC	5962-8670404PA			PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	CDIP
SG1846J-DESC	5962-8680601EA			PULSE WIDTH MODULATOR CONTROLLER, CURRENT-MODE	CDIP
SG1846F-DESC	5962-8680601FA			PULSE WIDTH MODULATOR CONTROLLER, CURRENT-MODE	CFP
SG1549Y-DESC	5962-8684901PA			ANALOG LATCH, CURRENT SENSING, WITH DIGITAL RESET	CDIP
SG1503Y-DESC	5962-8686101PA			VOLT. REFERENCE, 2.5V, PRECISION (1%)	CDIP
SG1503T-DESC	5962-8686101YA			VOLT. REFERENCE, 2.5V, PRECISION (1%)	TO-39
SG1524BJ-DESC	5962-8764501EA			PULSE WIDTH MODULATOR, REGULATING	CDIP
SG1825CJ-DESC	5962-8768101EA			PULSE WIDTH MODULATOR CONTROLLER, HIGH SPEED	CDIP
SG1543J-DESC	5962-8774001EA			POWER SUPPLY OUTPUT SUPERVISORY CIRCUIT	CDIP
SG1544J-DESC	5962-8774002VA			POWER SUPPLY OUTPUT SUPERVISORY CIRCUIT	CDIP
SG1532J-DESC	5962-8777001CA			VOLT. REGULATOR	CDIP
SG7812AL-DESC	5962-87776012A			VOLT. REGULATOR, FIXED, POSITIVE, 1.0A	CLCC
SG7812AG-DESC	5962-8777601TA			VOLT. REGULATOR, FIXED, POSITIVE, 1.0A	TO-257
SG7812AIG-DESC	5962-8777601UA			VOLT. REGULATOR, FIXED, POSITIVE, 1.0A	TO-257 Isolated
SG7812AT-DESC	5962-8777601XA			VOLT. REGULATOR, FIXED, POSITIVE, 1.0A	TO-39
SG7812AK-DESC	5962-8777601YA			VOLT. REGULATOR, FIXED, POSITIVE, 1.0A	TO-3
SG7805AL-DESC	5962-87782012A			VOLT. REGULATOR, FIXED, POSITIVE, 5V, 1.0A	CLCC
SG7805AG-DESC	5962-8778201TA			VOLT. REGULATOR, FIXED, POSITIVE, 5V, 1.0A	TO-257
SG7805AIG-DESC	5962-8778201UA			VOLT. REGULATOR, FIXED, POSITIVE, 5V, 1.0A	TO-257 Isolated

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SG7805AT-DESC	5962-8778201XA			VOLT. REGULATOR, FIXED, POSITIVE, 5V, 1.0A	TO-39
SG7805AK-DESC	5962-8778201YA			VOLT. REGULATOR, FIXED, POSITIVE, 5V, 1.0A	TO-3
SG7815AL-DESC	5962-88553012A			VOLT. REGULATOR, FIXED, POSITIVE, 15V, 1.0A	CLCC
SG7815AG-DESC	5962-8855301TA			VOLT. REGULATOR, FIXED, POSITIVE, 15V, 1.0A	TO-257
SG7815AIG-DESC	5962-8855301UA			VOLT. REGULATOR, FIXED, POSITIVE, 15V, 1.0A	TO-257 Isolated
SG7815AT-DESC	5962-8855301XA			VOLT. REGULATOR, FIXED, POSITIVE, 15V, 1.0A	TO-39
SG7815AK-DESC	5962-8855301YA			VOLT. REGULATOR, FIXED, POSITIVE, 15V, 1.0A	TO-3
SG7824AK-DESC	5962-8855401YA			VOLT. REGULATOR, FIXED, POSITIVE, 24V, 1.0 A	TO-3
SG1626T-DESC	5962-8871601GA			DRIVER, DUAL HIGH-SPEED INVERTING	TO-99
SG1626Y-DESC	5962-8871601PA			DRIVER, DUAL HIGH-SPEED INVERTING	CDIP
SG7905AL-DESC	5962-88746012A			VOLT. REGULATOR, FIXED, NEGATIVE, -5V, 1.0A	CLCC
SG7905AG-DESC	5962-8874601TA			VOLT. REGULATOR, FIXED, NEGATIVE, -5V, 1.0A	TO-257
SG7905AIG-DESC	5962-8874601UA			VOLT. REGULATOR, FIXED, NEGATIVE, -5V, 1.0A	TO-257 Isolated
SG7905AT-DESC	5962-8874601XA			VOLT. REGULATOR, FIXED, NEGATIVE, -5V, 1.0A	TO-39
SG7905AK-DESC	5962-8874601YA			VOLT. REGULATOR, FIXED, NEGATIVE, -5V, 1.0A	TO-3
SG7912AG-DESC	5962-8874701TA			VOLT. REGULATOR, FIXED, NEGATIVE, -12V, 1.0A	TO-257
SG7912AIG-DESC	5962-8874701UA			VOLT. REGULATOR, FIXED, NEGATIVE, -12V, 1.0A	TO-257 Isolated
SG7912AT-DESC	5962-8874701XA			VOLT. REGULATOR, FIXED, NEGATIVE, -12V, 1.0A	TO-39
SG7912AK-DESC	5962-8874701YA			VOLT. REGULATOR, FIXED, NEGATIVE, -12V, 1.0A	TO-3
SG7915AL-DESC	5962-88748012A			VOLT. REGULATOR, FIXED, NEGATIVE, -15V, 1.0A	CLCC
SG7915AIG-DESC	5962-8874801UA			VOLT. REGULATOR, FIXED, NEGATIVE, -15V, 1.0A	TO-257 Isolated
SG7915AT-DESC	5962-8874801XA			VOLT. REGULATOR, FIXED, NEGATIVE, -15V, 1.0A	TO-39
SG7915AK-DESC	5962-8874801YA			VOLT. REGULATOR, FIXED, NEGATIVE, -15V, 1.0A	TO-3
SG1525AJ-DESC	5962-8951101EA	SG1525AJ-JAN	M38510/12602BEA	PULSE WIDTH MODULATOR, REGULATING	CDIP
SG1525AF-DESC	5962-8951101FA			PULSE WIDTH MODULATOR, REGULATING	CFP
SG1527AJ-DESC	5962-8951102EA	SG1527AJ-JAN	M38510/12604BVA	PULSE WIDTH MODULATOR, REGULATING	CDIP
SG7808AIG-DESC	5962-8962801UA			VOLT. REGULATOR, FIXED, POSITIVE, 8V, 1.0A	TO-257 Isolated
SG7808AT-DESC	5962-8962801XA			VOLT. REGULATOR, FIXED, POSITIVE, 8V, 1.0A	TO-39
SG7808AK-DESC	5962-8962801YA			VOLT. REGULATOR, FIXED, POSITIVE, 8V, 1.0A	TO-3
SG2821L-DESC	5962-89684012A			TRANSISTOR ARRAY, DARLINGTON, EIGHT-GATE	CLCC
SG2821J-DESC	5962-8968401VA			TRANSISTOR ARRAY, DARLINGTON, EIGHT-GATE	CDIP
SG2823L-DESC	5962-89685012A			TRANSISTOR ARRAY, DARLINGTON, EIGHT-GATE	CLCC
SG2823J-DESC	5962-8968501VA			TRANSISTOR ARRAY, DARLINGTON, EIGHT-GATE	CDIP
SG2824J-DESC	5962-8968601VA			TRANSISTOR ARRAY, DARLINGTON, EIGHT-GATE	CDIP

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SG2023J-DESC	5962-8987601EA			TRANSISTOR ARRAY, 7-GATE DARLINGTON	CDIP
SG1548J-DESC	5962-8987801EA			POWER FAULT MONITOR, QUAD	CDIP
SG7818AK-DESC	5962-8991501YA			VOLT. REGULATOR, FIXED, POSITIVE, 18V	TO-3
SG1644L-DESC	5962-9165301M2A			DRIVER, DUAL, HIGH-SPEED	CLCC
SG1644J-DESC	5962-9165301MCA			DRIVER, DUAL, HIGH-SPEED	CDIP
SG1644T-DESC	5962-9165301MGA			DRIVER, DUAL, HIGH-SPEED	TO-99
SG1644Y-DESC	5962-9165301MPA			DRIVER, DUAL, HIGH-SPEED	CDIP
SG1731J-DESC	5962-9669901MEA			PULSE WIDTH MODULATOR, DC MOTOR	CDIP
SG117L-DESC	77034012A			VOLT. REGULATOR, ADJ., POSITIVE	CLCC
SG117G-DESC	7703401TA			VOLT. REGULATOR, ADJ., POSITIVE	TO-257
SG117IG-DESC	7703401UA			VOLT. REGULATOR, ADJ., POSITIVE	TO-257 Isolated
SG117T-DESC	7703401XA	SG117T-JAN	M38510/11703BXA	VOLT. REGULATOR, ADJ., POSITIVE	TO-39
SG117K-DESC	7703401YA	SG117K-JAN	M38510/11704BYA	VOLT. REGULATOR, ADJ., POSITIVE	TO-3
SG137L-DESC	77034032A			VOLT. REGULATOR, ADJ., NEGATIVE	CLCC
SG137T-DESC	7703403XA			VOLT. REGULATOR, ADJ., NEGATIVE	TO-39
SG117AL-DESC	77034052A			VOLT. REGULATOR, ADJ., POSITIVE	CLCC
SG117AG-DESC	7703405TA			VOLT. REGULATOR, ADJ., POSITIVE	TO-257
SG117AIG-DESC	7703405UA			VOLT. REGULATOR, ADJ., POSITIVE	TO-257 Isolated
SG117AT-DESC	7703405XA			VOLT. REGULATOR, ADJ., POSITIVE	TO-39
SG117AK-DESC	7703405YA			VOLT. REGULATOR, ADJ., POSITIVE	TO-3
SG137AL-DESC	77034062A			VOLT. REGULATOR, ADJ., NEGATIVE	CLCC
SG137AT-DESC	7703406XA			VOLT. REGULATOR, ADJ., NEGATIVE	TO-39
SG143Y-DESC	7800303PA			OP AMP, HIGH-VOLTAGE	CDIP
SG143T-DESC	7800303XA			OP AMP, HIGH-VOLTAGE	TO-99
SG1536Y-DESC	7800304PA			OP AMP, HIGH-VOLTAGE	CDIP
SG1536T-DESC	7800304XA			OP AMP, HIGH-VOLTAGE	TO-99
SG1524J-DESC	7802801EA	SG1524J-JAN	M38510/12601BEA	PULSE WIDTH MODULATOR, REGULATING	CDIP
SG1526BJ-DESC	8551501VA	SG1526BJ-JAN	M38510/12603BVA	PULSE WIDTH MODULATOR, REGULATING	CDIP
		SG723J-JAN	M38510/10201BCA	VOLT. REGULATOR, ADJ., POSITIVE	CDIP
		SG723F-JAN	M38510/10201BHA	VOLT. REGULATOR, ADJ., POSITIVE	CFP
		SG723T-JAN	M38510/10201BIA	VOLT. REGULATOR, ADJ., POSITIVE	TO-100
		SG109T-JAN	M38510/10701BXA	VOLT. REGULATOR, FIXED, POSITIVE, 5V	TO-39
		SG7815T-JAN	M38510/10704BXA	VOLTAGE REGULATOR, FIXED, POSITIVE	TO-39
		SG7805T-JAN	M38510/10702BXA	VOLTAGE REGULATOR, FIXED, POSITIVE	TO-39
		SG7805K-JAN	M38510/10706BYA	VOLTAGE REGULATOR, FIXED, POSITIVE	TO-3

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		SG7812T-JAN	M38510/10703BXA	VOLTAGE REGULATOR, FIXED, POSITIVE	TO-39
		SG7812K-JAN	M38510/10707BYA	VOLTAGE REGULATOR, FIXED, POSITIVE	TO-3
		SG7815K-JAN	M38510/10708BYA	VOLTAGE REGULATOR, FIXED, POSITIVE	TO-3
		SG7905T-JAN	M38510/11501BXA	VOLT. REGULATOR, FIXED, NEGATIVE, -5V, 1.0A	TO-39
		SG7912T-JAN	M38510/11502BXA	VOLT. REGULATOR, FIXED, NEGATIVE, -12V, 1.0A	TO-39
		SG7915T-JAN	M38510/11503BXA	VOLT. REGULATOR, FIXED, NEGATIVE, -15V, 1.0A	TO-39
		SG7905K-JAN	M38510/11505BYA	VOLT. REGULATOR, FIXED, NEGATIVE, -5V, 1.0A	TO-3
		SG7912K-JAN	M38510/11506BYA	VOLT. REGULATOR, FIXED, NEGATIVE, -12V, 1.0A	TO-3
		SG7915K-JAN	M38510/11507BYA	VOLT. REGULATOR, FIXED, NEGATIVE, -15V, 1.0A	TO-3
		SG2003J-JAN	M38510/14103BEA	TRANSISTOR ARRAY, DARLINGTON	CDIP
		SG2004J-JAN	M38510/14104BEA	TRANSISTOR ARRAY, DARLINGTON	CDIP
		SG2803J-JAN	M38510/14108BVA	TRANSISTOR ARRAY, DARLINGTON, EIGHT-GATE	CDIP
SG1532T-DESC	5962-8777001IA			VOLT. REGULATOR	TO-99
SG1626J-DESC	5962-8871601CA			DRIVER, DUAL HIGH-SPEED INVERTING	14 Cerdip
SG117AHVG-DESC	7703407TA			VOLT. REGULATOR, ADJ., POSITIVE, HIGH VOLTAGE	TO-257
SG117AHVT-DESC	7703407XA			VOLT. REGULATOR, ADJ., POSITIVE, HIGH VOLTAGE	TO-39
SG117HVG-DESC	7703402UA			VOLT. REGULATOR, ADJ., POSITIVE, HIGH VOLTAGE	TO-257
SG117HVG-DESC	7703402TA			VOLT. REGULATOR, ADJ., POSITIVE, HIGH VOLTAGE	TO-257
SG117HVK-DESC	7703402YA			VOLT. REGULATOR, ADJ., POSITIVE, HIGH VOLTAGE	TO-3
SG117AHVIG-DESC	7703407UA			VOLT. REGULATOR, ADJ., POSITIVE, HIGH VOLTAGE	TO-257
SG117HVT-DESC	7703402XA			VOLT. REGULATOR, ADJ., POSITIVE, HIGH VOLTAGE	TO-39
		SG1527AJ-JAN	M38510/12604BEA	Voltage Mode PWMs	CDIP