

## High Reliability Integrated Circuits Cross Reference List

Microsemi AMSG Part Number	Standard Microcircuit Drawing (SMD)	MIL-M-38510/ (JAN)	Description on DLA	Package
SG2803L	5962-86058012A		TRANSISTOR ARRAY, DARLINGTON, EIGHT-GATE	CLCC
SG2803J	5962-8605801VA	M38510/14108BVA	TRANSISTOR ARRAY, DARLINGTON, EIGHT-GATE	CDIP
SG1842L	5962-86704012A		PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	CLCC
SG1842J	5962-8670401CA		PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	CDIP
SG1842F	5962-8670401HA		PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	CFP
SG1842Y	5962-8670401PA		PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	CDIP
SG1843L	5962-86704022A		PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	CLCC
SG1843J	5962-8670402CA		PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	CDIP
SG1843F	5962-8670402HA		PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	CFP
SG1843Y	5962-8670402PA		PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	CDIP
SG1844L	5962-86704032A		PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	CLCC
SG1844J	5962-8670403CA		PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	CDIP
SG1844F	5962-8670403HA		PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	CFP
SG1844Y	5962-8670403PA		PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	CDIP
SG1845L	5962-86704042A		PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	CLCC
SG1845J	5962-8670404CA		PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	CDIP
SG1845F	5962-8670404HA		PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	CFP
SG1845Y	5962-8670404PA		PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	CDIP
SG1846L	5962-86806012A		PULSE WIDTH MODULATOR CONTROLLER, CURRENT-MODE	CLCC
SG1846J	5962-8680601EA		PULSE WIDTH MODULATOR CONTROLLER, CURRENT-MODE	CDIP
SG1846F	5962-8680601FA		PULSE WIDTH MODULATOR CONTROLLER, CURRENT-MODE	CFP
SG1549Y	5962-8684901PA		ANALOG LATCH, CURRENT SENSING, WITH DIGITAL RESET	CDIP
SG1503Y	5962-8686101PA		VOLT. REFERENCE, 2.5V, PRECISION (1%)	CDIP
SG1503T	5962-8686101YA		VOLT. REFERENCE, 2.5V, PRECISION (1%)	TO-39
SG1524BJ	5962-8764501EA		PULSE WIDTH MODULATOR, REGULATING	CDIP
SG1825CL	5962-87681012A		PULSE WIDTH MODULATOR CONTROLLER, HIGH SPEED	CLCC
SG1825CJ	5962-8768101EA		PULSE WIDTH MODULATOR CONTROLLER, HIGH SPEED	CDIP
SG1543L	5962-87740012A		POWER SUPPLY OUTPUT SUPERVISORY CIRCUIT	CLCC
SG1543J	5962-8774001EA		POWER SUPPLY OUTPUT SUPERVISORY CIRCUIT	CDIP
SG1544J	5962-8774002VA		POWER SUPPLY OUTPUT SUPERVISORY CIRCUIT	CDIP
SG1532J	5962-8777001CA		VOLT. REGULATOR	CDIP
SG7812AL	5962-87776012A		VOLT. REGULATOR, FIXED, POSITIVE, 1.0A	CLCC
SG7812AG	5962-8777601TA		VOLT. REGULATOR, FIXED, POSITIVE, 1.0A	TO-257
SG7812AIG	5962-8777601UA		VOLT. REGULATOR, FIXED, POSITIVE, 1.0A	TO-257 Isolated
SG7812AT	5962-8777601XA		VOLT. REGULATOR, FIXED, POSITIVE, 1.0A	TO-39

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SG7812AK	5962-8777601YA		VOLT. REGULATOR, FIXED, POSITIVE, 1.0A	TO-3
SG7812AR	5962-8777601ZA		VOLT. REGULATOR, FIXED, POSITIVE, 1.0A	TO-66
SG7805AL	5962-87782012A		VOLT. REGULATOR, FIXED, POSITIVE, 5V, 1.0A	CLCC
SG7805AG	5962-8778201TA		VOLT. REGULATOR, FIXED, POSITIVE, 5V, 1.0A	TO-257
SG7805AIG	5962-8778201UA		VOLT. REGULATOR, FIXED, POSITIVE, 5V, 1.0A	TO-257 Isolated
SG7805AT	5962-8778201XA		VOLT. REGULATOR, FIXED, POSITIVE, 5V, 1.0A	TO-39
SG7805AK	5962-8778201YA		VOLT. REGULATOR, FIXED, POSITIVE, 5V, 1.0A	TO-3
SG7805AR	5962-8778201ZA		VOLT. REGULATOR, FIXED, POSITIVE, 5V, 1.0A	TO-66
SG7815AL	5962-88553012A		VOLT. REGULATOR, FIXED, POSITIVE, 15V, 1.0A	CLCC
SG7815AG	5962-8855301TA		VOLT. REGULATOR, FIXED, POSITIVE, 15V, 1.0A	TO-257
SG7815AIG	5962-8855301UA		VOLT. REGULATOR, FIXED, POSITIVE, 15V, 1.0A	TO-257 Isolated
SG7815AT	5962-8855301XA		VOLT. REGULATOR, FIXED, POSITIVE, 15V, 1.0A	TO-39
SG7815AK	5962-8855301YA		VOLT. REGULATOR, FIXED, POSITIVE, 15V, 1.0A	TO-3
SG7815AR	5962-8855301ZA		VOLT. REGULATOR, FIXED, POSITIVE, 15V, 1.0A	TO-66
SG7824AT	5962-8855401XA		VOLT. REGULATOR, FIXED, POSITIVE, 24V, 1.0 A	TO-39
SG7824AK	5962-8855401YA		VOLT. REGULATOR, FIXED, POSITIVE, 24V, 1.0 A	TO-3
SG7824AR	5962-8855401ZA		VOLT. REGULATOR, FIXED, POSITIVE, 24V, 1.0 A	TO-66
SG1626T	5962-8871601GA		DRIVER, DUAL HIGH-SPEED INVERTING	TO-99
SG1626Y	5962-8871601PA		DRIVER, DUAL HIGH-SPEED INVERTING	CDIP
SG7905AL	5962-88746012A		VOLT. REGULATOR, FIXED, NEGATIVE, -5V, 1.0A	CLCC
SG7905AG	5962-8874601TA		VOLT. REGULATOR, FIXED, NEGATIVE, -5V, 1.0A	TO-257
SG7905AIG	5962-8874601UA		VOLT. REGULATOR, FIXED, NEGATIVE, -5V, 1.0A	TO-257 Isolated
SG7905AT	5962-8874601XA		VOLT. REGULATOR, FIXED, NEGATIVE, -5V, 1.0A	TO-39
SG7905AK	5962-8874601YA		VOLT. REGULATOR, FIXED, NEGATIVE, -5V, 1.0A	TO-3
SG7905AR	5962-8874601ZA		VOLT. REGULATOR, FIXED, NEGATIVE, -5V, 1.0A	TO-66
SG7912AL	5962-88747012A		VOLT. REGULATOR, FIXED, NEGATIVE, -12V, 1.0A	CLCC
SG7912AG	5962-8874701TA		VOLT. REGULATOR, FIXED, NEGATIVE, -12V, 1.0A	TO-257
SG7912AIG	5962-8874701UA		VOLT. REGULATOR, FIXED, NEGATIVE, -12V, 1.0A	TO-257 Isolated
SG7912AT	5962-8874701XA		VOLT. REGULATOR, FIXED, NEGATIVE, -12V, 1.0A	TO-39
SG7912AK	5962-8874701YA		VOLT. REGULATOR, FIXED, NEGATIVE, -12V, 1.0A	TO-3
SG7912AR	5962-8874701ZA		VOLT. REGULATOR, FIXED, NEGATIVE, -12V, 1.0A	TO-66
SG7915AL	5962-88748012A		VOLT. REGULATOR, FIXED, NEGATIVE, -15V, 1.0A	CLCC
SG7915AG	5962-8874801TA		VOLT. REGULATOR, FIXED, NEGATIVE, -15V, 1.0A	TO-257
SG7915AIG	5962-8874801UA		VOLT. REGULATOR, FIXED, NEGATIVE, -15V, 1.0A	TO-257 Isolated
SG7915AT	5962-8874801XA		VOLT. REGULATOR, FIXED, NEGATIVE, -15V, 1.0A	TO-39
SG7915AK	5962-8874801YA		VOLT. REGULATOR, FIXED, NEGATIVE, -15V, 1.0A	TO-3
SG7915AR	5962-8874801ZA		VOLT. REGULATOR, FIXED, NEGATIVE, -15V, 1.0A	TO-66
SG1525AJ	5962-8951101EA	M38510/12602BEA	PULSE WIDTH MODULATOR, REGULATING	CDIP

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SG1525AF	5962-8951101FA		PULSE WIDTH MODULATOR, REGULATING	CFP
SG1527AJ	5962-8951102EA	M38510/12604BVA	PULSE WIDTH MODULATOR, REGULATING	CDIP
SG7806AL	5962-89626012A		VOLT. REGULATOR, FIXED, POSITIVE, 6V, 1.0A	CLCC
SG7806AT	5962-8962601XA		VOLT. REGULATOR, FIXED, POSITIVE, 6V, 1.0A	TO-39
SG7806AK	5962-8962601YA		VOLT. REGULATOR, FIXED, POSITIVE, 6V, 1.0A	TO-3
SG7806AR	5962-8962601ZA		VOLT. REGULATOR, FIXED, POSITIVE, 6V, 1.0A	TO-66
SG7808AG	5962-8962801TA		VOLT. REGULATOR, FIXED, POSITIVE, 8V, 1.0A	TO-257
SG7808AIG	5962-8962801UA		VOLT. REGULATOR, FIXED, POSITIVE, 8V, 1.0A	TO-257 Isolated
SG7808AT	5962-8962801XA		VOLT. REGULATOR, FIXED, POSITIVE, 8V, 1.0A	TO-39
SG7808AK	5962-8962801YA		VOLT. REGULATOR, FIXED, POSITIVE, 8V, 1.0A	TO-3
SG7808AR	5962-8962801ZA		VOLT. REGULATOR, FIXED, POSITIVE, 8V, 1.0A	TO-66
SG2821L	5962-89684012A		TRANSISTOR ARRAY, DARLINGTON, EIGHT-GATE	CLCC
SG2821J	5962-8968401VA		TRANSISTOR ARRAY, DARLINGTON, EIGHT-GATE	CDIP
SG2823L	5962-89685012A		TRANSISTOR ARRAY, DARLINGTON, EIGHT-GATE	CLCC
SG2823J	5962-8968501VA		TRANSISTOR ARRAY, DARLINGTON, EIGHT-GATE	CDIP
SG2824L	5962-89686012A		TRANSISTOR ARRAY, DARLINGTON, EIGHT-GATE	CLCC
SG2824J	5962-8968601VA		TRANSISTOR ARRAY, DARLINGTON, EIGHT-GATE	CDIP
SG7908AG	5962-8987001TA		VOLT. REGULATOR, FIXED, NEGATIVE, 8V	TO-257
SG7908AIG	5962-8987001UA		VOLT. REGULATOR, FIXED, NEGATIVE, 8V	TO-257 Isolated
SG7908AT	5962-8987001XA		VOLT. REGULATOR, FIXED, NEGATIVE, 8V	TO-39
SG7908AK	5962-8987001YA		VOLT. REGULATOR, FIXED, NEGATIVE, 8V	TO-3
SG7908AR	5962-8987001ZA		VOLT. REGULATOR, FIXED, NEGATIVE, 8V	TO-66
SG2023J	5962-8987601EA		TRANSISTOR ARRAY, 7-GATE DARLINGTON	CDIP
SG2023F	5962-8987601FA		TRANSISTOR ARRAY, 7-GATE DARLINGTON	CFP
SG1548J	5962-8987801EA		POWER FAULT MONITOR, QUAD	CDIP
SG7818AL	5962-89915012A		VOLT. REGULATOR, FIXED, POSITIVE, 18V	CLCC
SG7818AIG	5962-8991501UA		VOLT. REGULATOR, FIXED, POSITIVE, 18V	TO-257 Isolated
SG7818AT	5962-8991501XA		VOLT. REGULATOR, FIXED, POSITIVE, 18V	TO-39
SG7818AK	5962-8991501YA		VOLT. REGULATOR, FIXED, POSITIVE, 18V	TO-3
SG7818AR	5962-8991501ZA		VOLT. REGULATOR, FIXED, POSITIVE, 18V	TO-66
SG7820AK	5962-9152301MYA		VOLT. REGULATOR, FIXED, POSITIVE, 20V	TO-3
SG7820AIG	5962-9152301MUA		VOLT. REGULATOR, FIXED, POSITIVE, 20V	TO-257 Isolated
SG7820AT	5962-9152301MXA		VOLT. REGULATOR, FIXED, POSITIVE, 20V	TO-39
SG7820AR	5962-9152301MZA		VOLT. REGULATOR, FIXED, POSITIVE, 20V	TO-66
SG1644L	5962-9165301M2A		DRIVER, DUAL, HIGH-SPEED	CLCC
SG1644J	5962-9165301MCA		DRIVER, DUAL, HIGH-SPEED	CDIP
SG1644T	5962-9165301MGA		DRIVER, DUAL, HIGH-SPEED	TO-99
SG1644Y	5962-9165301MPA		DRIVER, DUAL, HIGH-SPEED	CDIP

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SG1731J	5962-9669901MEA		PULSE WIDTH MODULATOR, DC MOTOR	CDIP
SG117L	77034012A		VOLT. REGULATOR, ADJ., POSITIVE	CLCC
SG117G	7703401TA		VOLT. REGULATOR, ADJ., POSITIVE	TO-257
SG117IG	7703401UA		VOLT. REGULATOR, ADJ., POSITIVE	TO-257 Isolated
SG117T	7703401XA	M38510/11703BXA	VOLT. REGULATOR, ADJ., POSITIVE	TO-39
SG117K	7703401YA	M38510/11704BYA	VOLT. REGULATOR, ADJ., POSITIVE	TO-3
SG117R	7703401ZA		VOLT. REGULATOR, ADJ., POSITIVE	TO-66
SG137L	77034032A		VOLT. REGULATOR, ADJ., NEGATIVE	CLCC
SG137T	7703403XA		VOLT. REGULATOR, ADJ., NEGATIVE	TO-39
SG117AL	77034052A		VOLT. REGULATOR, ADJ., POSITIVE	CLCC
SG117AG	7703405TA		VOLT. REGULATOR, ADJ., POSITIVE	TO-257
SG117AIG	7703405UA		VOLT. REGULATOR, ADJ., POSITIVE	TO-257 Isolated
SG117AT	7703405XA		VOLT. REGULATOR, ADJ., POSITIVE	TO-39
SG117AK	7703405YA		VOLT. REGULATOR, ADJ., POSITIVE	TO-3
SG117AR	7703405ZA		VOLT. REGULATOR, ADJ., POSITIVE	TO-66
SG137AL	77034062A		VOLT. REGULATOR, ADJ., NEGATIVE	CLCC
SG137AT	7703406XA		VOLT. REGULATOR, ADJ., NEGATIVE	TO-39
SG143Y	7800303PA		OP AMP, HIGH-VOLTAGE	CDIP
SG143T	7800303XA		OP AMP, HIGH-VOLTAGE	TO-99
SG1536Y	7800304PA		OP AMP, HIGH-VOLTAGE	CDIP
SG1536T	7800304XA		OP AMP, HIGH-VOLTAGE	TO-99
SG1524J	7802801EA	M38510/12601BEA	PULSE WIDTH MODULATOR, REGULATING	CDIP
SG1526BL	85515012A		PULSE WIDTH MODULATOR, REGULATING	CLCC
SG1526BJ	8551501VA	M38510/12603BVA	PULSE WIDTH MODULATOR, REGULATING	CDIP
SG2101AJ		M38510/10105BEA	OP AMP, DUAL	CDIP
SG723J		M38510/10201BCA	VOLT. REGULATOR, ADJ., POSITIVE	CDIP
SG723F		M38510/10201BHA	VOLT. REGULATOR, ADJ., POSITIVE	CFP
SG723T		M38510/10201BIA	VOLT. REGULATOR, ADJ., POSITIVE	TO-100
SG109T		M38510/10701BXA	VOLT. REGULATOR, FIXED, POSITIVE, 5V	TO-39
SG7815T		M38510/10704BXA	VOLTAGE REGULATOR, FIXED, POSITIVE	TO-39
SG7805T		M38510/10702BXA	VOLTAGE REGULATOR, FIXED, POSITIVE	TO-39
SG7805K		M38510/10706BYA	VOLTAGE REGULATOR, FIXED, POSITIVE	TO-3
SG7812T		M38510/10703BXA	VOLTAGE REGULATOR, FIXED, POSITIVE	TO-39
SG7812K		M38510/10707BYA	VOLTAGE REGULATOR, FIXED, POSITIVE	TO-3
SG7815K		M38510/10708BYA	VOLTAGE REGULATOR, FIXED, POSITIVE	TO-3
SG7905T		M38510/11501BXA	VOLT. REGULATOR, FIXED, NEGATIVE, -5V, 1.0A	TO-39
SG7912T		M38510/11502BXA	VOLT. REGULATOR, FIXED, NEGATIVE, -12V, 1.0A	TO-39
SG7915T		M38510/11503BXA	VOLT. REGULATOR, FIXED, NEGATIVE, -15V, 1.0A	TO-39

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SG7905K		M38510/11505BYA	VOLT. REGULATOR, FIXED, NEGATIVE, -5V, 1.0A	TO-3
SG7912K		M38510/11506BYA	VOLT. REGULATOR, FIXED, NEGATIVE, -12V, 1.0A	TO-3
SG7915K		M38510/11507BYA	VOLT. REGULATOR, FIXED, NEGATIVE, -15V, 1.0A	TO-3
SG7924K		M38510/11508BYA	VOLT. REGULATOR, FIXED, NEGATIVE, 24V, 1.0A	TO-3
SG2001J		M38510/14101BEA	TRANSISTOR ARRAY, DARLINGTON	CDIP
SG2002J		M38510/14102BEA	TRANSISTOR ARRAY, DARLINGTON	CDIP
SG2003J		M38510/14103BEA	TRANSISTOR ARRAY, DARLINGTON	CDIP
SG2004J		M38510/14104BEA	TRANSISTOR ARRAY, DARLINGTON	CDIP
SG2005J		M38510/14105BEA	TRANSISTOR ARRAY	CDIP
SG2801J		M38510/14106BVA	TRANSISTOR ARRAY, DARLINGTON	CDIP
SG2802J		M38510/14107BVA	TRANSISTOR ARRAY, DARLINGTON	CDIP
SG2803J		M38510/14108BVA	TRANSISTOR ARRAY, DARLINGTON, EIGHT-GATE	CDIP
SG2804J		M38510/14109BVA	TRANSISTOR ARRAY, DARLINGTON	CDIP
SG2805J		M38510/14110BVA	TRANSISTOR ARRAY, DARLINGTON	CDIP