


Manufacturer		Part Number	
Device Identification		Prefix	Suffix
ALLEGRO MICROSYSTEMS 	Family	Package	Prefix Device Suffix
	UC CMOS/Complex Arrays UD Power Drivers UG Hall Effect Circuits UL Linear Circuits	A Plastic DIP B Plastic DIP with Heat Sink Tabs C Chip E Leadless Chip Carrier L Plastic SOIC M 8-Pin Plastic DIP U Thin 3-Pin SIP W 12-Pin SIP Z 5-Lead TO-220	UL N 2111 A F-1 Family Temperature Base Number Package Instructions
	Temperature K Ext'd. autm./ind. (-40°C to +125°C) N Limited Temperature Range - 20°C to +85°C Typical Q Industrial Temperature Range - 40°C to +85°C S Military Temperature Range - 55°C to +125°C L Extended automotive/industrial (-40° to +150°C)		
		Family	Package Prefix Device
		UH Peripheral Power/Display Drivers C Hermetic FP D Hermetic DIP K Chip P Plastic DIP	UH P 400 Family Package Devices
A	Allegro Microsystems	Temperature Range	Prefix Device Suffix
		C Commercial (0°C to 70°C) S Standard (-20°C to 85°C) E Ext.d autm./ind. (-40°C to 125°C) K Ext.d indl./mil. (-40°C to 125°C) L Autm./mil. (-40°C to +150°C) X Special (i.e., wafer probed at 25°C only)	A 8958 S EA F-1 Base Number Temperature Range Package Instructions
	Instructions	Package	
	A Revision, see detail specification F Active pull-down device -1 (BiMOS only) Selected version, see detail specification BU Burned-in device BS Compliant, with screening to BS9493 TA Tape and Reel TB Tape and Reel TC Tape and Reel TE Tape and Reel TG Tape and Reel TH Tape and Reel TL Surface-mount lead form TM/TP Ammo pack taped TR Tape and Reel (surface-mount devices only)	A Plastic, dual in-line B Plastic, dual in-line semi-tab C Unpackaged chip EA Plastic, leaded chip carrier, one semi-tab EB Plastic, leaded chip carrier, two semi-tabs EP Plastic, leaded chip carrier EQ Plastic, leaded chip carrier, rectangular JT Plastic, low-profile quad flat pack K Plastic, 4-lead SIP L Plastic, SOIC LB Plastic, wide-body SOIC power tab LL Plastic, SOT-89, long-lead version LR Plastic, SOT-23/TO-236AB LT Plastic, SOT-89 LW Plastic, wide body SOIC M Plastic, 8-pin mini-DIP U Plastic, 3-lead thin mini-SIP UA Plastic, short 3-lead thin mini-SIP W Plastic, 12-lead single in-line power tab X Special Z Plastic, 5-lead single in-line power tab (TO-220)	