ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

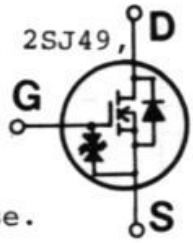
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Find the *Hitachi 2SK134* at our website: *Click HERE*

2SK133, 2SK134, 2SK135

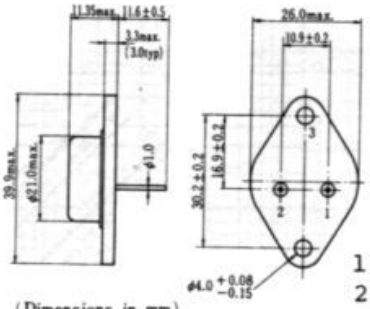
SILICON N-CHANNEL MOS FET

LOW FREQUENCY POWER AMPLIFIER
Complementary Pair with 2SJ48, 2SJ49, 2SJ50



Features;

- High Power Gain.
- Excellent Frequency Response.
- High Speed Switching.
- Wide Area of Safe Operation.
- Enhancement-Mode.
- Good Complementary Characteristics.
- Equipped with Gate Protection Diodes.



(Dimensions in mm)

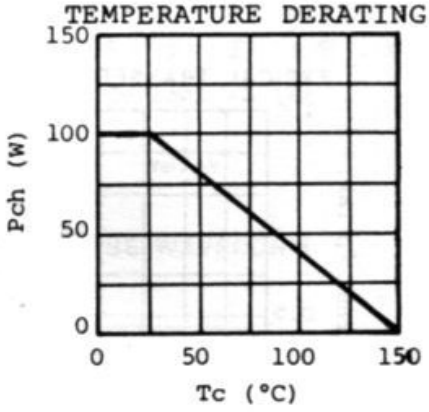
(JEDEC TO-3)

■ ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

Item	Symbol	Rating			Unit
		K133	K134	K135	
Drain-Source Voltage	V_{DSX}	120	140	160	V
Gate-Source Voltage	V_{GSS}	±14			V
Drain Current	I_D	7			A
Body-Drain Diode Reverse Drain Current	I_{DR}	7			A
Channel Dissipation	Pch*	100			W
Channel Temperature	Tch	150			°C
Storage Temperature	Tstg	−55～+150			°C

*Value at Tc=25°C

POWER VS. TEMPERATURE DERATING



■ ELECTRICAL CHARACTERISTICS (Ta=25°C)

Item		Symbol	Test Condition	min.	typ.	max.	Unit
Drain-Source Breakdown Voltage	K133	$V_{(BR)DSX}$	I_D=10mA, V_{GS}=−10V	120	-	-	V
	K134			140	-	-	V
	K135			160	-	-	V
Gate-Source Breakdown Voltage		$V_{(BR)GSS}$	I_G=±100μA, V_{DS}=0	±14	-	-	V
Gate-Source Cutoff Voltage		$V_{GS(off)}$	I_D=100mA, V_{DS}=10V	0.15	-	1.45	V
Drain-Source Saturation Voltage		$V_{DS(sat)}$	I_D=7A, V_{GD}=0 *	-	-	12	V
Forward Transfer Admittance		$\|yfs\|$	I_D=3A, V_{DS}=10V*	0.7	1.0	1.4	S
Input Capacitance		Ciss	V_{GS}=−5V, V_{DS}=10V, f=1MHz	-	600	-	pF
Output Capacitance		Coss		-	350	-	pF
Reverse Transfer Capacitance		Crss		-	10	-	pF
Turn-on Time		t_{on}	V_{DD}=20V, I_D=4A	-	180	-	ns
Turn-off Time		t_{off}		-	60	-	ns

*Pulse Test

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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