LMV358

CMOS

LMV321/LMV358/LMV324//2.7 V5 VSNPCB

- Operation from 2.7 V to 5.0 V Single-Sided Power Supply
- No Output Crossover Distortion
- Industrial temperature Range: -40C to +85C
- Rail-to-Rail Output
- Low Quiescent Current
- No Output Phase-Reversal from Overdriven Input
- Compatible with the most common operating conditions
- Guarantees signal integrity
- Robust thermal performance
- Reduces supply requirements
- Improves battery life and power consumption
- Predictable system behavior

- Voltage regulation
- Sensor amplification or buffering
- Notebook PC
- Hard disk drives
- Routers and switches
- Other portables

	Pricing ($/Unit)	Compliance	Status	Rail to Rail	Channels	V_S Min (V)	V_S Max (V)	I_q Typ (mA)	V_{OS} Max (mV)	GBW Typ (MHz)	SR Typ (V/µs)	I_O Typ (mA)	$\Delta V_{OS}/\Delta T$ (µV/C)	e_N (nV/√Hz)	I_{bias} Typ (pA)	CMRR Typ (dB)	Architecture	Temperature Range (°C)	Package Type
LMV358DMR2G	0.1995	Pb H	Active	Output	2	2.5	5.5	0.07	9	1	1	160	5	50	<1000	65	CMOS	-40 to 85	Micro8
LMV358DR2G	0.1648	Pb H	Active	Output	2	2.5	5.5	0.07	9	1	1	160	5	50	<1000	65	CMOS	-40 to 85	SOIC-8
LMV358IDR2G	0.1454	Pb H	Active	Output	2	2.5	5.5	0.07	9	1	1	160	5	50	<1000	65	CMOS	-40 to 125	SOIC-8
LMV358MUTAG	0.2548	Pb H	Active	Output	2	2.5	5.5	0.07	9	1	1	160	5	50	<1000	65	CMOS	-40 to 85	UDFN-8