

**PACKAGING INFORMATION**

Orderable part number	Status (1)	Material type (2)	Package   Pins	Package qty   Carrier	RoHS (3)	Lead finish/ Ball material (4)	MSL rating/ Peak reflow (5)	Op temp (°C)	Part marking (6)
<a href="#">REF5010AID</a>	Active	Production	SOIC (D)   8	75   TUBE	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	REF 5010 A
REF5010AID.A	Active	Production	SOIC (D)   8	75   TUBE	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	REF 5010 A
<a href="#">REF5010AIDGKR</a>	Active	Production	VSSOP (DGK)   8	2500   LARGE T&R	Yes	Call TI   Nipdau	Level-2-260C-1 YEAR	-40 to 125	R50G
REF5010AIDGKR.A	Active	Production	VSSOP (DGK)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	R50G
<a href="#">REF5010AIDGKT</a>	Active	Production	VSSOP (DGK)   8	250   SMALL T&R	Yes	Call TI   Nipdau	Level-2-260C-1 YEAR	-40 to 125	R50G
REF5010AIDGKT.A	Active	Production	VSSOP (DGK)   8	250   SMALL T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	R50G
<a href="#">REF5010AIDR</a>	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	REF 5010 A
REF5010AIDR.A	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	REF 5010 A
REF5010AIDRG4	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	REF 5010 A
REF5010AIDRG4.A	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	REF 5010 A
<a href="#">REF5010ID</a>	Active	Production	SOIC (D)   8	75   TUBE	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	REF 5010
REF5010ID.A	Active	Production	SOIC (D)   8	75   TUBE	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	REF 5010
<a href="#">REF5010IDGKR</a>	Active	Production	VSSOP (DGK)   8	2500   LARGE T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	R50G
REF5010IDGKR.A	Active	Production	VSSOP (DGK)   8	2500   LARGE T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	R50G
<a href="#">REF5010IDGKT</a>	Active	Production	VSSOP (DGK)   8	250   SMALL T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	R50G
REF5010IDGKT.A	Active	Production	VSSOP (DGK)   8	250   SMALL T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	R50G
<a href="#">REF5020AID</a>	Active	Production	SOIC (D)   8	75   TUBE	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	REF 5020 A

Orderable part number	Status (1)	Material type (2)	Package   Pins	Package qty   Carrier	RoHS (3)	Lead finish/ Ball material (4)	MSL rating/ Peak reflow (5)	Op temp (°C)	Part marking (6)
REF5020AID.A	Active	Production	SOIC (D)   8	75   TUBE	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	REF 5020 A
<a href="#">REF5020AIDGKR</a>	Active	Production	VSSOP (DGK)   8	2500   LARGE T&R	Yes	Call TI   Nipdau	Level-2-260C-1 YEAR	-40 to 125	R50A
REF5020AIDGKR.A	Active	Production	VSSOP (DGK)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	R50A
<a href="#">REF5020AIDGKT</a>	Active	Production	VSSOP (DGK)   8	250   SMALL T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	R50A
REF5020AIDGKT.A	Active	Production	VSSOP (DGK)   8	250   SMALL T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	R50A
<a href="#">REF5020AIDR</a>	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	REF 5020 A
REF5020AIDR.A	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	REF 5020 A
<a href="#">REF5020ID</a>	Active	Production	SOIC (D)   8	75   TUBE	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	REF 5020
REF5020ID.A	Active	Production	SOIC (D)   8	75   TUBE	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	REF 5020
<a href="#">REF5020IDGKR</a>	Active	Production	VSSOP (DGK)   8	2500   LARGE T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	R50A
REF5020IDGKR.A	Active	Production	VSSOP (DGK)   8	2500   LARGE T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	R50A
<a href="#">REF5020IDGKT</a>	Active	Production	VSSOP (DGK)   8	250   SMALL T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	R50A
REF5020IDGKT.A	Active	Production	VSSOP (DGK)   8	250   SMALL T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	R50A
<a href="#">REF5020IDR</a>	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	REF 5020
REF5020IDR.A	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	REF 5020
<a href="#">REF5025AID</a>	Active	Production	SOIC (D)   8	75   TUBE	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	REF 5025 A
REF5025AID.A	Active	Production	SOIC (D)   8	75   TUBE	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	REF 5025 A
<a href="#">REF5025AIDGKR</a>	Active	Production	VSSOP (DGK)   8	2500   LARGE T&R	Yes	Call TI   Nipdau	Level-2-260C-1 YEAR	-40 to 125	R50B
REF5025AIDGKR.A	Active	Production	VSSOP (DGK)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	R50B
REF5025AIDGKRG4	Active	Production	VSSOP (DGK)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	R50B

Orderable part number	Status (1)	Material type (2)	Package   Pins	Package qty   Carrier	RoHS (3)	Lead finish/ Ball material (4)	MSL rating/ Peak reflow (5)	Op temp (°C)	Part marking (6)
REF5025AIDGKRG4.A	Active	Production	VSSOP (DGK)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	R50B
<a href="#">REF5025AIDGKT</a>	Active	Production	VSSOP (DGK)   8	250   SMALL T&R	Yes	Call TI   Nipdau	Level-2-260C-1 YEAR	-40 to 125	R50B
REF5025AIDGKT.A	Active	Production	VSSOP (DGK)   8	250   SMALL T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	R50B
<a href="#">REF5025AIDR</a>	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	REF 5025 A
REF5025AIDR.A	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	REF 5025 A
REF5025AIDR1G4	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	REF 5025 A
REF5025AIDR1G4.A	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	REF 5025 A
<a href="#">REF5025EIDR</a>	Active	Production	SOIC (D)   8	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	R5025E
REF5025EIDR.A	Active	Production	SOIC (D)   8	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	R5025E
<a href="#">REF5025ID</a>	Active	Production	SOIC (D)   8	75   TUBE	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	REF 5025
REF5025ID.A	Active	Production	SOIC (D)   8	75   TUBE	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	REF 5025
<a href="#">REF5025IDGKR</a>	Active	Production	VSSOP (DGK)   8	2500   LARGE T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	R50B
REF5025IDGKR.A	Active	Production	VSSOP (DGK)   8	2500   LARGE T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	R50B
<a href="#">REF5025IDGKT</a>	Active	Production	VSSOP (DGK)   8	250   SMALL T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	R50B
REF5025IDGKT.A	Active	Production	VSSOP (DGK)   8	250   SMALL T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	R50B
<a href="#">REF5025IDR</a>	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	REF 5025
REF5025IDR.A	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	REF 5025
<a href="#">REF5030AID</a>	Active	Production	SOIC (D)   8	75   TUBE	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	REF 5030 A
REF5030AID.A	Active	Production	SOIC (D)   8	75   TUBE	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	REF 5030 A

Orderable part number	Status (1)	Material type (2)	Package   Pins	Package qty   Carrier	RoHS (3)	Lead finish/ Ball material (4)	MSL rating/ Peak reflow (5)	Op temp (°C)	Part marking (6)
<a href="#">REF5030AIDGKR</a>	Active	Production	VSSOP (DGK)   8	2500   LARGE T&R	Yes	Call TI   Nipdau	Level-2-260C-1 YEAR	-40 to 125	R50C
REF5030AIDGKR.A	Active	Production	VSSOP (DGK)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	R50C
REF5030AIDGKRG4	Active	Production	VSSOP (DGK)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	R50C
REF5030AIDGKRG4.A	Active	Production	VSSOP (DGK)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	R50C
<a href="#">REF5030AIDGKT</a>	Active	Production	VSSOP (DGK)   8	250   SMALL T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	R50C
REF5030AIDGKT.A	Active	Production	VSSOP (DGK)   8	250   SMALL T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	R50C
<a href="#">REF5030AIDR</a>	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	REF 5030 A
REF5030AIDR.A	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	REF 5030 A
REF5030AIDRG4	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	REF 5030 A
REF5030AIDRG4.A	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	REF 5030 A
<a href="#">REF5030EIDR</a>	Active	Production	SOIC (D)   8	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	R5030E
<a href="#">REF5030ID</a>	Active	Production	SOIC (D)   8	75   TUBE	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	REF 5030
REF5030ID.A	Active	Production	SOIC (D)   8	75   TUBE	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	REF 5030
<a href="#">REF5030IDGKR</a>	Active	Production	VSSOP (DGK)   8	2500   LARGE T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	R50C
REF5030IDGKR.A	Active	Production	VSSOP (DGK)   8	2500   LARGE T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	R50C
<a href="#">REF5030IDGKT</a>	Active	Production	VSSOP (DGK)   8	250   SMALL T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	R50C
REF5030IDGKT.A	Active	Production	VSSOP (DGK)   8	250   SMALL T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	R50C
<a href="#">REF5030IDR</a>	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	REF 5030
REF5030IDR.A	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	REF 5030
<a href="#">REF5040AID</a>	Active	Production	SOIC (D)   8	75   TUBE	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	REF 5040 A

Orderable part number	Status (1)	Material type (2)	Package   Pins	Package qty   Carrier	RoHS (3)	Lead finish/ Ball material (4)	MSL rating/ Peak reflow (5)	Op temp (°C)	Part marking (6)
REF5040AID.A	Active	Production	SOIC (D)   8	75   TUBE	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	REF 5040 A
<a href="#">REF5040AIDGKR</a>	Active	Production	VSSOP (DGK)   8	2500   LARGE T&R	Yes	Call TI   Nipdau	Level-2-260C-1 YEAR	-40 to 125	R50D
REF5040AIDGKR.A	Active	Production	VSSOP (DGK)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	R50D
<a href="#">REF5040AIDGKT</a>	Active	Production	VSSOP (DGK)   8	250   SMALL T&R	Yes	Call TI   Nipdau	Level-2-260C-1 YEAR	-40 to 125	R50D
REF5040AIDGKT.A	Active	Production	VSSOP (DGK)   8	250   SMALL T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	R50D
REF5040AIDGKTG4	Active	Production	VSSOP (DGK)   8	250   SMALL T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	R50D
REF5040AIDGKTG4.A	Active	Production	VSSOP (DGK)   8	250   SMALL T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	R50D
<a href="#">REF5040AIDR</a>	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	REF 5040 A
REF5040AIDR.A	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	REF 5040 A
REF5040AIDRG4	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	REF 5040 A
REF5040AIDRG4.A	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	REF 5040 A
<a href="#">REF5040EIDR</a>	Active	Production	SOIC (D)   8	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	R5040E
<a href="#">REF5040ID</a>	Active	Production	SOIC (D)   8	75   TUBE	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	REF 5040
REF5040ID.A	Active	Production	SOIC (D)   8	75   TUBE	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	REF 5040
<a href="#">REF5040IDGKR</a>	Active	Production	VSSOP (DGK)   8	2500   LARGE T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	R50D
REF5040IDGKR.A	Active	Production	VSSOP (DGK)   8	2500   LARGE T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	R50D
<a href="#">REF5040IDGKT</a>	Active	Production	VSSOP (DGK)   8	250   SMALL T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	R50D
REF5040IDGKT.A	Active	Production	VSSOP (DGK)   8	250   SMALL T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	R50D
<a href="#">REF5040IDR</a>	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	REF 5040
REF5040IDR.A	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	REF 5040

Orderable part number	Status (1)	Material type (2)	Package   Pins	Package qty   Carrier	RoHS (3)	Lead finish/ Ball material (4)	MSL rating/ Peak reflow (5)	Op temp (°C)	Part marking (6)
<a href="#">REF5045AID</a>	Active	Production	SOIC (D)   8	75   TUBE	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	REF 5045 A
REF5045AID.A	Active	Production	SOIC (D)   8	75   TUBE	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	REF 5045 A
<a href="#">REF5045AIDGKR</a>	Active	Production	VSSOP (DGK)   8	2500   LARGE T&R	Yes	Call TI   Nipdau	Level-2-260C-1 YEAR	-40 to 125	R50E
REF5045AIDGKR.A	Active	Production	VSSOP (DGK)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	R50E
<a href="#">REF5045AIDGKT</a>	Active	Production	VSSOP (DGK)   8	250   SMALL T&R	Yes	Call TI   Nipdau	Level-2-260C-1 YEAR	-40 to 125	R50E
REF5045AIDGKT.A	Active	Production	VSSOP (DGK)   8	250   SMALL T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	R50E
<a href="#">REF5045AIDR</a>	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	REF 5045 A
REF5045AIDR.A	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	REF 5045 A
<a href="#">REF5045ID</a>	Active	Production	SOIC (D)   8	75   TUBE	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	REF 5045
REF5045ID.A	Active	Production	SOIC (D)   8	75   TUBE	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	REF 5045
<a href="#">REF5045IDGKR</a>	Active	Production	VSSOP (DGK)   8	2500   LARGE T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	R50E
REF5045IDGKR.A	Active	Production	VSSOP (DGK)   8	2500   LARGE T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	R50E
<a href="#">REF5045IDGKT</a>	Active	Production	VSSOP (DGK)   8	250   SMALL T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	R50E
REF5045IDGKT.A	Active	Production	VSSOP (DGK)   8	250   SMALL T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	R50E
<a href="#">REF5045IDR</a>	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	REF 5045
REF5045IDR.A	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	REF 5045
<a href="#">REF5050AID</a>	Active	Production	SOIC (D)   8	75   TUBE	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	REF 5050 A
REF5050AID.A	Active	Production	SOIC (D)   8	75   TUBE	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	REF 5050 A
<a href="#">REF5050AIDGKR</a>	Active	Production	VSSOP (DGK)   8	2500   LARGE T&R	Yes	Call TI   Nipdau	Level-2-260C-1 YEAR	-40 to 125	R50F

Orderable part number	Status (1)	Material type (2)	Package   Pins	Package qty   Carrier	RoHS (3)	Lead finish/ Ball material (4)	MSL rating/ Peak reflow (5)	Op temp (°C)	Part marking (6)
REF5050AIDGKR.A	Active	Production	VSSOP (DGK)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	R50F
REF5050AIDGKRG4	Active	Production	VSSOP (DGK)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	R50F
REF5050AIDGKRG4.A	Active	Production	VSSOP (DGK)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	R50F
<a href="#">REF5050AIDGKT</a>	Active	Production	VSSOP (DGK)   8	250   SMALL T&R	Yes	Call TI   Nipdau	Level-2-260C-1 YEAR	-40 to 125	R50F
REF5050AIDGKT.A	Active	Production	VSSOP (DGK)   8	250   SMALL T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	R50F
<a href="#">REF5050AIDR</a>	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	REF 5050 A
REF5050AIDR.A	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	REF 5050 A
<a href="#">REF5050EIDR</a>	Active	Production	SOIC (D)   8	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	R5050E
REF5050EIDR.A	Active	Production	SOIC (D)   8	3000   LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	R5050E
<a href="#">REF5050ID</a>	Active	Production	SOIC (D)   8	75   TUBE	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	REF 5050
REF5050ID.A	Active	Production	SOIC (D)   8	75   TUBE	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	REF 5050
<a href="#">REF5050IDGKR</a>	Active	Production	VSSOP (DGK)   8	2500   LARGE T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	R50F
REF5050IDGKR.A	Active	Production	VSSOP (DGK)   8	2500   LARGE T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	R50F
<a href="#">REF5050IDGKT</a>	Active	Production	VSSOP (DGK)   8	250   SMALL T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	R50F
REF5050IDGKT.A	Active	Production	VSSOP (DGK)   8	250   SMALL T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	R50F
<a href="#">REF5050IDR</a>	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	REF 5050
REF5050IDR.A	Active	Production	SOIC (D)   8	2500   LARGE T&R	Yes	Call TI	Level-2-260C-1 YEAR	-40 to 125	REF 5050

(1) **Status:** For more details on status, see our [product life cycle](#).

(2) **Material type:** When designated, preproduction parts are prototypes/experimental devices, and are not yet approved or released for full production. Testing and final process, including without limitation quality assurance, reliability performance testing, and/or process qualification, may not yet be complete, and this item is subject to further changes or possible discontinuation. If available for ordering, purchases will be subject to an additional waiver at checkout, and are intended for early internal evaluation purposes only. These items are sold without warranties of any kind.

(3) **RoHS values:** Yes, No, RoHS Exempt. See the [TI RoHS Statement](#) for additional information and value definition.

- (4) **Lead finish/Ball material:** Parts may have multiple material finish options. Finish options are separated by a vertical ruled line. Lead finish/Ball material values may wrap to two lines if the finish value exceeds the maximum column width.
- (5) **MSL rating/Peak reflow:** The moisture sensitivity level ratings and peak solder (reflow) temperatures. In the event that a part has multiple moisture sensitivity ratings, only the lowest level per JEDEC standards is shown. Refer to the shipping label for the actual reflow temperature that will be used to mount the part to the printed circuit board.
- (6) **Part marking:** There may be an additional marking, which relates to the logo, the lot trace code information, or the environmental category of the part.

Multiple part markings will be inside parentheses. Only one part marking contained in parentheses and separated by a "~" will appear on a part. If a line is indented then it is a continuation of the previous line and the two combined represent the entire part marking for that device.

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