

DSC1100

Part Number: DSC1100CL3-PROG

Lead Count: 6 **Package Type:** VDFN **Temp Range:** -40C to +105C **Packing Media:** Tube (110)

Part Number: DSC1100DL3-PROG

Lead Count: 6 **Package Type:** VDFN **Temp Range:** -40C to +105C **Packing Media:** Tube (140)

Part Number: DSC1100DL3-PROGT

Not Returnable/Cancellable

Lead Count: 6 **Package Type:** VDFN **Temp Range:** -40C to +105C **Packing Media:** Tape and reel (1000)

Part Number: DSC1100CL3-PROGT

Not Returnable/Cancellable

Lead Count: 6 **Package Type:** VDFN **Temp Range:** -40C to +105C **Packing Media:** Tape and reel (1000)

Part Number: DSC1100BL3-PROG

Lead Count: 6 **Package Type:** VDFN **Temp Range:** -40C to +105C **Packing Media:** Tube (72)

Part Number: DSC1100BL3-PROGT

Not Returnable/Cancellable

Lead Count: 6 **Package Type:** VDFN **Temp Range:** -40C to +105C **Packing Media:** Tape and reel (1000)

Part Number: DSC1100AL3-PROG

Lead Count: 6 **Package Type:** VDFN **Temp Range:** -40C to +105C **Packing Media:** Tube (50)

Part Number: DSC1100NL3-PROG

Lead Count: 6 **Package Type:** VDFN **Temp Range:** -40C to +105C **Packing Media:** Tube (50)

Part Number: DSC1100NL3-PROGT

Not Returnable/Cancellable

Lead Count: 6 **Package Type:** VDFN **Temp Range:** -40C to +105C **Packing Media:** Tape and reel (1000)

Part Number: DSC1100AL3-PROGT

Not Returnable/Cancellable

Lead Count: 6 **Package Type:** VDFN **Temp Range:** -40C to +105C **Packing Media:** Tape and reel (1000)

Part Number: DSC1100CL5-PROG

Lead Count: 6 **Package Type:** VDFN **Temp Range:** -40C to +105C **Packing Media:** Tube (110)

Part Number: DSC1100DL5-PROG

Lead Count: 6 **Package Type:** VDFN **Temp Range:** -40C to +105C **Packing Media:** Tube (140)

Part Number: DSC1100DL5-PROGT

Not Returnable/Cancellable

Lead Count: 6 **Package Type:** VDFN **Temp Range:** -40C to +105C **Packing Media:** Tape and reel (1000)

Part Number: DSC1100CL5-PROGT

Not Returnable/Cancellable

Lead Count: 6 **Package Type:** VDFN **Temp Range:** -40C to +105C **Packing Media:** Tape and reel (1000)

Part Number: DSC1100BL5-PROG

Lead Count: 6 **Package Type:** VDFN **Temp Range:** -40C to +105C **Packing Media:** Tube (72)

Part Number: DSC1100BL5-PROGT

Not Returnable/Cancellable

Lead Count: 6 **Package Type:** VDFN **Temp Range:** -40C to +105C **Packing Media:** Tape and reel (1000)

Part Number: DSC1100AL5-PROG

Lead Count: 6 **Package Type:** VDFN **Temp Range:** -40C to +105C **Packing Media:** Tube (50)

Part Number: DSC1100NL5-PROG

Lead Count: 6 **Package Type:** VDFN **Temp Range:** -40C to +105C **Packing Media:** Tube (50)

Part Number: DSC1100NL5-PROGT

Not Returnable/Cancellable

Lead Count: 6 **Package Type:** VDFN **Temp Range:** -40C to +105C **Packing Media:** Tape and reel (1000)

Part Number: DSC1100AL5-PROGT

Not Returnable/Cancellable

Lead Count: 6 **Package Type:** VDFN **Temp Range:** -40C to +105C **Packing Media:** Tape and reel (1000)

RoHS Information

Part Number	Device Weight (g)	Shipping Weight (grams)	Lead Count	Package Type	Package Width	Solder Composition	JEDEC Indicator	RoHS	China EFUP
DSC1100AL3-PROG	0.082300	0.172300	6	VDFN	7x5x0.9mm	NiPdAu	e4		
DSC1100AL5-PROG	0.082300	0.172300	6	VDFN	7x5x0.9mm	NiPdAu	e4		
DSC1100DL3-PROG	0.012500	0.028607	6	VDFN	2.0x2.5mm	NiPdAu	e4		
DSC1100DL5-PROG	0.012500	0.028607	6	VDFN	2.0x2.5mm	NiPdAu	e4		
DSC1100NL3-PROG	0.082300	0.200000	6	VDFN	7x5x0.9mm	NiPdAu	e4		
DSC1100NL5-PROG	0.082300	0.200000	6	VDFN	7x5x0.9mm	NiPdAu	e4		
DSC1100NL3-PROGT	0.082300	0.200000	6	VDFN	7x5x0.9mm	NiPdAu	e4		
DSC1100NL5-PROGT	0.082300	0.200000	6	VDFN	7x5x0.9mm	NiPdAu	e4		
DSC1100AL3-PROGT	0.082300	0.200000	6	VDFN	7x5x0.9mm	NiPdAu	e4		
DSC1100AL5-PROGT	0.082300	0.200000	6	VDFN	7x5x0.9mm	NiPdAu	e4		
DSC1100DL3-PROGT	0.012500	0.080000	6	VDFN	2.0x2.5mm	NiPdAu	e4		
DSC1100DL5-PROGT	0.012500	0.080000	6	VDFN	2.0x2.5mm	NiPdAu	e4		
DSC1100BL3-PROG	0.040500	0.078264	6	VDFN	3.2x5.0x0.9mm	NiPdAu	e4		
DSC1100BL5-PROG	0.040500	0.078264	6	VDFN	3.2x5.0x0.9mm	NiPdAu	e4		
DSC1100CL3-PROG	0.019500	0.042664	6	VDFN	3.2x2.5x0.9mm	NiPdAu	e4		
DSC1100CL5-PROG	0.019500	0.042664	6	VDFN	3.2x2.5x0.9mm	NiPdAu	e4		
DSC1100BL3-PROGT	0.040500	0.120000	6	VDFN	3.2x5.0x0.9mm	NiPdAu	e4		
DSC1100BL5-PROGT	0.040500	0.120000	6	VDFN	3.2x5.0x0.9mm	NiPdAu	e4		
DSC1100CL3-PROGT	0.019500	0.090000	6	VDFN	3.2x2.5x0.9mm	NiPdAu	e4		
DSC1100CL5-PROGT	0.019500	0.090000	6	VDFN	3.2x2.5x0.9mm	NiPdAu	e4		

To see a complete listing of RoHS data for this device, please Click here
Shipping Weight = Device Weight + Packing Material weight. Please contact sales office if device weight is not available.

Packaging Specifications

Microchip Technology Inc. products are available in a broad range of packages, from the tiny 3-lead SC-70 to the 144-pin TQFP, and almost everything in between. Options include small outline packages such as wafer level chipscale (CSP), Ultra-Dual Flat No Lead (UDFN), Ultra-Quad Flat No Lead (UQFN), plastic Shrink Small Outline (SSOP), plastic Think Shrink Small Outline (TSSOP), plastic Small Outline (SOIC), Thin Quad Flat Pack (TQFP), Ball Grid Array (BGA), and Plastic Dual In-Line (PDIP).

Microchip's Focus Product Selector Guide includes information on specific packages that are available for each product. Detailed packaging information can be found in the Package Drawing and Dimensions Specification. Additional information is available for Pb-free and RoHS Compliance.



Package Family: VDFN

There are 41 different variations within this package family.

PackageType	Package Description	Terminal Count	Size	Drawing Number	Style	Revision	Package Outline Drawing
VDFN	06 Lead Stepped WF	06	3.2x2.5 x0.9 mm	C04-00484	2YX	A	View Details
VDFN	10 Lead 3x3x0.9m m JPA	10	3x3x0, 9mm	C04-01019	JPA	A	View Details
VDFN	8 Lead 4x4x0.9m m Saw	8	4x4x0. 9mm	C04-01023	JW A	A	View Details
VDFN	04 Lead	04	2x1.6x	C04-	SM	A	View

PackageType	Package Description	Terminal Count	Size	Drawing Number	Style	Revision	Package Outline Drawing
	2x1.6x0.9mm COL		0.9mm	00486	X		Details
VDFN	8 Lead 4x4x0.9mm Punched	8	4x4x0.9mm	C04-01248	JWA	A	View Details
VDFN	10 Lead 3x3x0.9mm JFA_	10	3x3x0.9mm	C04-01019	JFA_	A	View Details
VDFN	4 Lead 7x5x0.9mm	4	7x5x0.9mm	C04-01025	JZA	A	View Details
VDFN	10 Lead 3x4x0.9mm JUA Micrel Legacy FDFN34	10	3x4x0.9mm	C04-01027	JUA	A	View Details
VDFN	6 Lead 3.25x5x0.9mm	6	3.25x5x0.9mm	C04-01009	H7A	A	View Details

PackageType	Package Description	Terminal Count	Size	Drawing Number	Style	Revision	Package Outline Drawing
VDFN	10 Lead 3x3x0.9mm JGA	10	3x3x0.9mm	C04-01019	JGA	A	View Details
VDFN	6 Lead 3.2x2.5 mm Stepped WF	6	3.2x2.5 mm	C04-01252	KDA	A	View Details
VDFN	8 Lead 3x3x0.9mm	8	3x3x0.9mm	C04-01021	JMA	A	View Details
VDFN	4-Lead Very Thin Plastic Dual Flatpack No-Lead	4	3.3x2.5 mm	C04-1006	H4A	A	View Details
VDFN	6 Lead Very Thin Dual Flatpack No-Leads	6	2.5x2.0 mm	C04-1005	J7A	C	View Details

PackageType	Package Description	Terminal Count	Size	Drawing Number	Style	Revision	Package Outline Drawing
VDFN	6-Lead Very Thin Dual Flatpack No-Lead	6	3.2x2.5 mm	C04-1007	H5A	A	View Details
VDFN	6-Lead Very Thin Plastic Quad Flat No Lead Package with 2.8x1.8 mm Exposed Pad	6	7x5 mm	C04-1010	H8A	A	View Details
VDFN	8-Lead Very Thin Plastic Dual Flat No Lead Package with 1.7x0.9mm Exposed Pad	8	2x2 mm	C04-1207	J8A	A	View Details

PackageType	Package Description	Terminal Count	Size	Drawing Number	Style	Revision	Package Outline Drawing
VDFN	8-Lead Very Thin Flat Dual No Lead Package with 0.55 mm Contact Length	8	2x2 mm	C04-198	LZ	D	View Details
VDFN	8-Lead Very Thin Plastic Dual Flat No Lead Package	8	2x3 mm	C04-382	8Q	A	View Details
VDFN	8-Lead Very Thin Plastic Dual Flat No Lead Package with Dimpled Wettable Flanks	8	3x2 mm	C04-1210	JEA	A	View Details
VDFN	8-Lead Very Thin	8	6x5	C04-413	9U	A	View

PackageType	Package Description	Terminal Count	Size	Drawing Number	Style	Revision	Package Outline Drawing
	Plastic Dual Flat No Lead With Dual Exposed Pads		mm				Details
VDFN	10-Lead Very Thin Plastic Dual Flat No Lead Package	10	2.5x2.0 mm	C04-332	9R	B	View Details
VDFN	10 Lead VDFN_3x3x 0.9mm Package	10	3x3 mm	C04-00206	9Q	B	View Details
VDFN	11-Lead Very Thin Plastic Dual Flat No Lead Package With Dual Fused Exposed Pads	11	6x5 mm	C04-1197	K4A	A	View Details

PackageType	Package Description	Terminal Count	Size	Drawing Number	Style	Revision	Package Outline Drawing
VDFN	14-Lead Very Thin Plastic Dual Flat No Lead Package	14	4.5x3.0 x0.9 mm	C04-405	4S	B	View Details
VDFN	14-Lead Very Thin Plastic Quad Flat No Lead Package With Dimpled Wettable Flanks	14	4.5x3.0 mm	C04-1198	JHA	A	View Details
VDFN	6-Lead Very Thin Dual Flatpack	6	7x5 mm	C04-01227A	HP A	A	View Details
VDFN	14-Lead Very Thin Dual Flat Stepped Wettable Flanks with 1.6x3.9	14	4.5x3 mm	C04-21362A	QC B	A	View Details

PackageType	Package Description	Terminal Count	Size	Drawing Number	Style	Revision	Package Outline Drawing
	mm Exposed Pad						
VDFN	18 Lead 4.5x3mm	18	4.5x3 mm	C04-21458	QQB	B	View Details
VDFN	26 Lead 6.5x3mm	26	6.5x3 mm	C04-21459	QRB	B	View Details
VDFN	8-Lead Very Thin Dual Flat Stepped Wettable Flanks with 2.4x1.6 mm Exposed Pad (Atmel Legacy)	8	3x3 mm	C04-21358	Q8B	C	View Details
VDFN	14 Lead Very Thin Dual Flat With 1.6x4.2 mm EP with	14	4.5x3.0 mm	C04-21361	QBB	C	View Details

PackageType	Package Description	Terminal Count	Size	Drawing Number	Style	Revision	Package Outline Drawing
	Stepped WF						
VDFN	16 Lead 5.5x3mm Wettable Flank	16	5.5x3.0 mm	C04-21363	QD B	B	View Details
VDFN	26-Lead Very Thin Dual Flatpack No Lead Package with Stepped Wettable Flanks	26	6.5x3.0 mm	C04-21459	QR B	A	View Details
VDFN	6-Lead Very Thin Plastic Dual Flat MICREL Legacy	6	2x2 mm	C04-1016	JDA	A	View Details
VDFN	8-Lead Very Thin Plastic Dual	8	3x3 mm	C04-1217	JNA	A	View Details

PackageType	Package Description	Terminal Count	Size	Drawing Number	Style	Revision	Package Outline Drawing
	Flatpack with Multiple EP and DWF						
VDFN	8-Lead Very Thin Plastic Dual Flatpack SPTX Legacy	8	4x4 mm	C04-0285	3R	A	View Details
VDFN	8-Lead Very Thin Plastic Dual Flatpack SPTX Legacy	8	5x5 mm	C04-0286	4R	A	View Details
VDFN	10-Lead Very Thin Plastic Dual Flatpack SPTX Legacy	10	3x4 mm	C04-0287	5R	A	View Details
VDFN	12-Lead Very Thin Plastic Dual	12	4x4 mm	C04-0288	6R	A	View Details

PackageType	Package Description	Terminal Count	Size	Drawing Number	Style	Revision	Package Outline Drawing
	Flatpack SPTX Legacy						
VDFN	18-Lead Very Thin Plastic Dual Flatpack SPTX Legacy	18	5x5 mm	C04-0289	7R	A	View Details